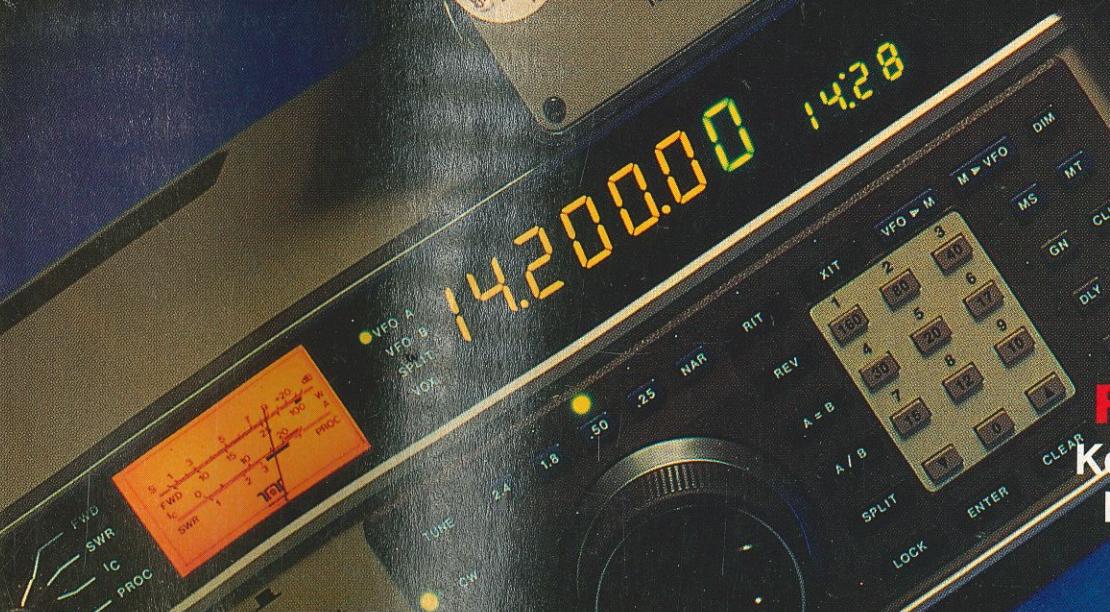
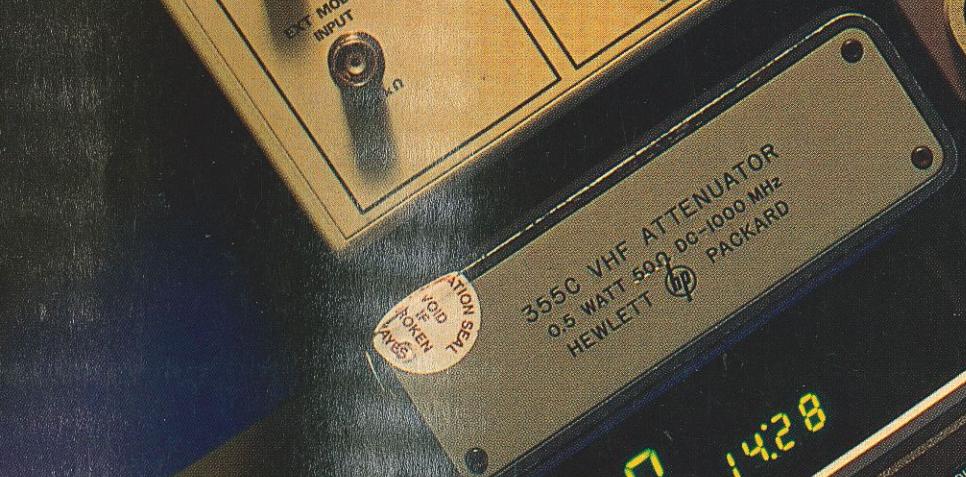


# QST



July 1994

devoted entirely to Amateur Radio



**Tomorrow's  
Radios Today:  
Key Components of  
Modern Receiver  
Design—Part 3**

# QST



devoted entirely to Amateur Radio

June 1994 \$3.00

See you at the National  
Arlington, Texas, June 10-12



## Outdoors and Amateur Radio!

Field Day and  
the June VHF  
QSO Party



1992.0



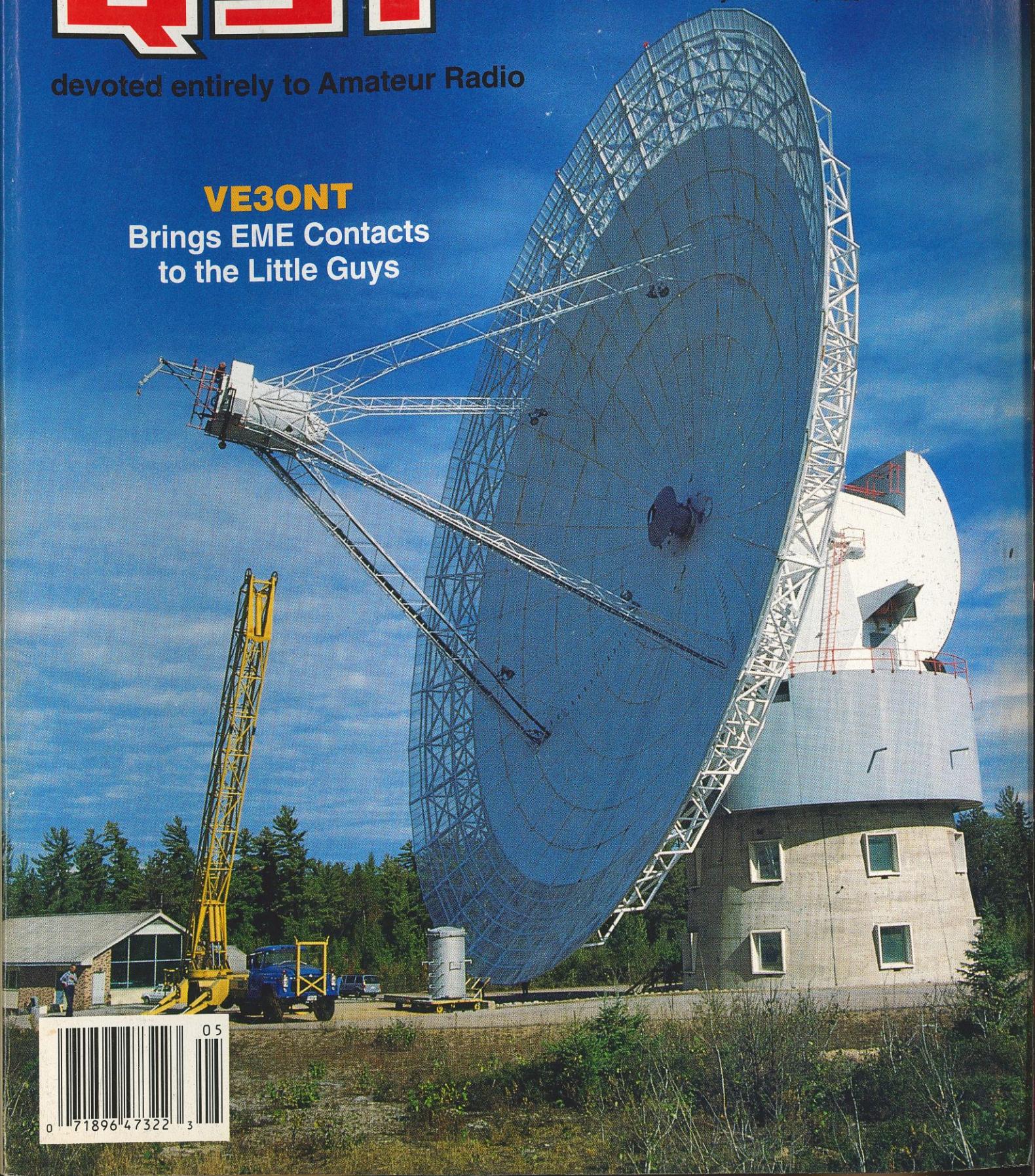
# QST



May 1994 \$3.00

devoted entirely to Amateur Radio

**VE3ONT**  
Brings EME Contacts  
to the Little Guys



05

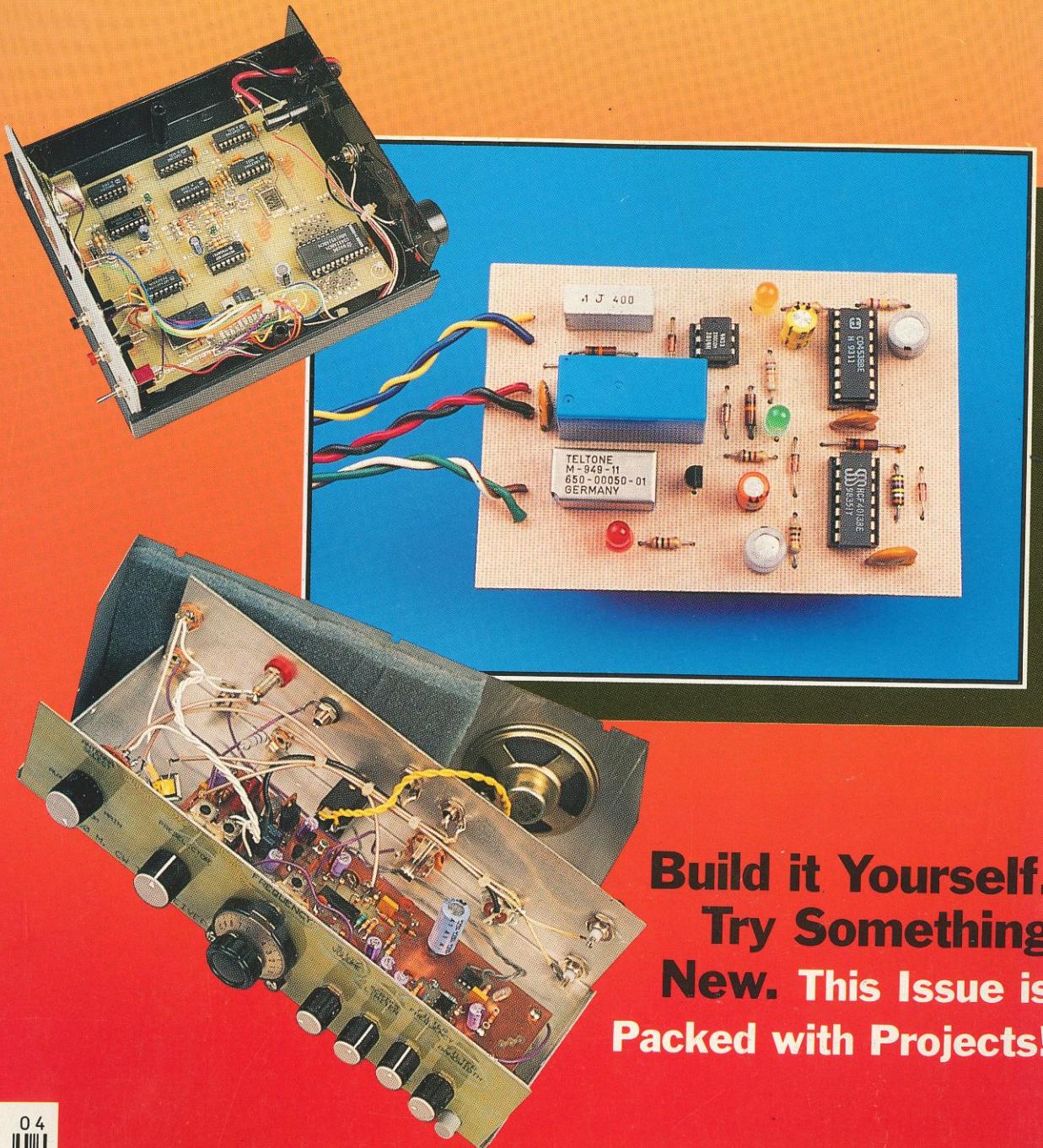


# QST



April 1994 \$3.00

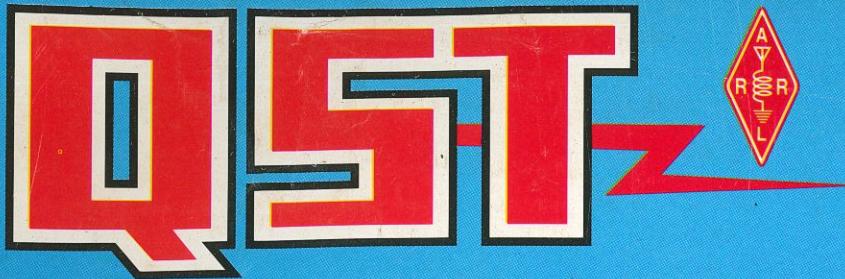
devoted entirely to Amateur Radio



**Build it Yourself.  
Try Something  
New. This Issue is  
Packed with Projects!**



19620



March 1994 \$3.00

devoted entirely to Amateur Radio



## Cellular Radio Technology:

**Powerful, portable  
and a potential  
new direction for  
Amateur Radio!**

19620



# QST

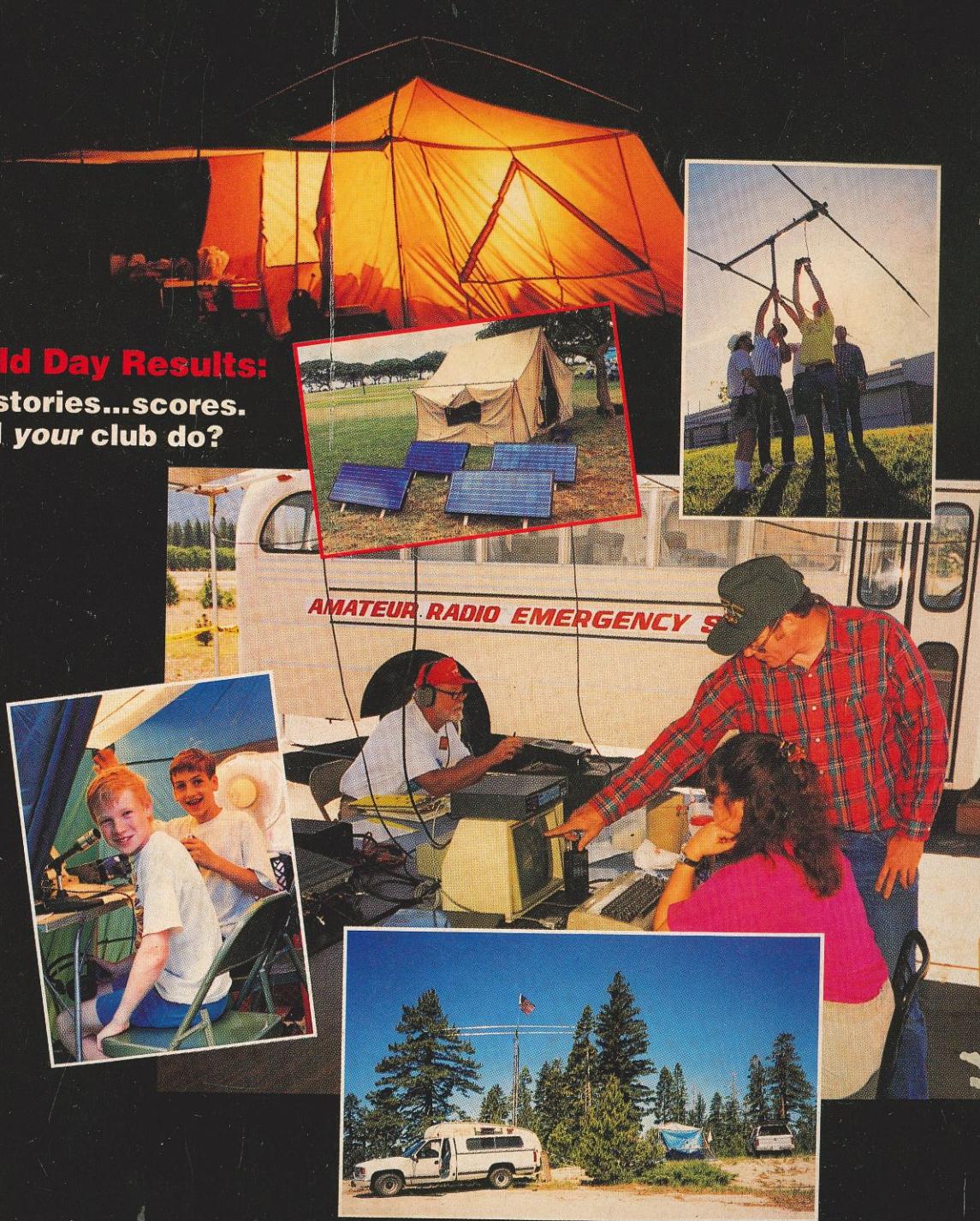


November 1994

devoted entirely to Amateur Radio

## ARRL Field Day Results:

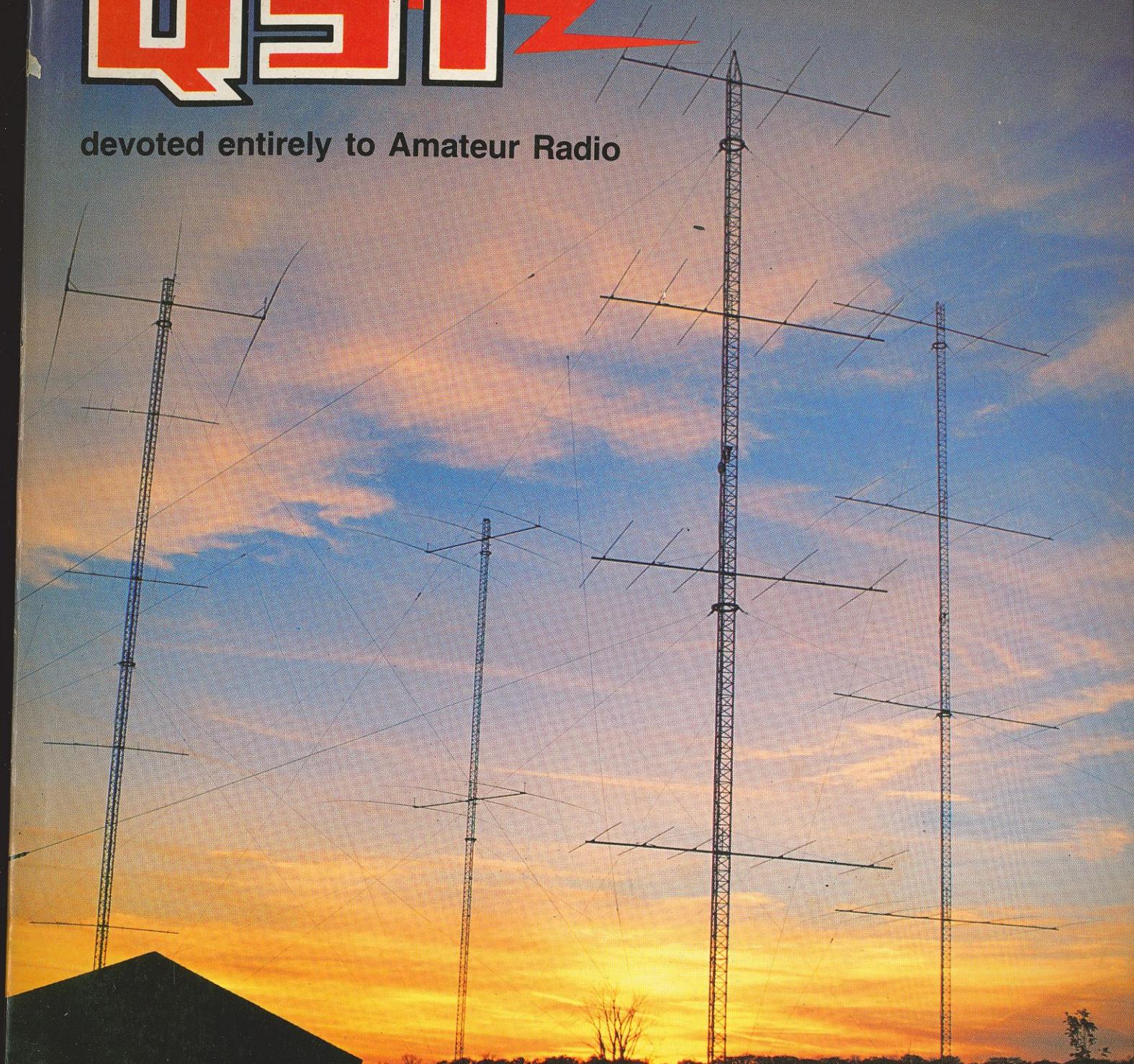
Photos...stories...scores.  
How did *your* club do?



# QST

October 1991 \$3.00

devoted entirely to Amateur Radio



**Record-Breaking Scores in the  
'91 ARRL International DX Contest!**

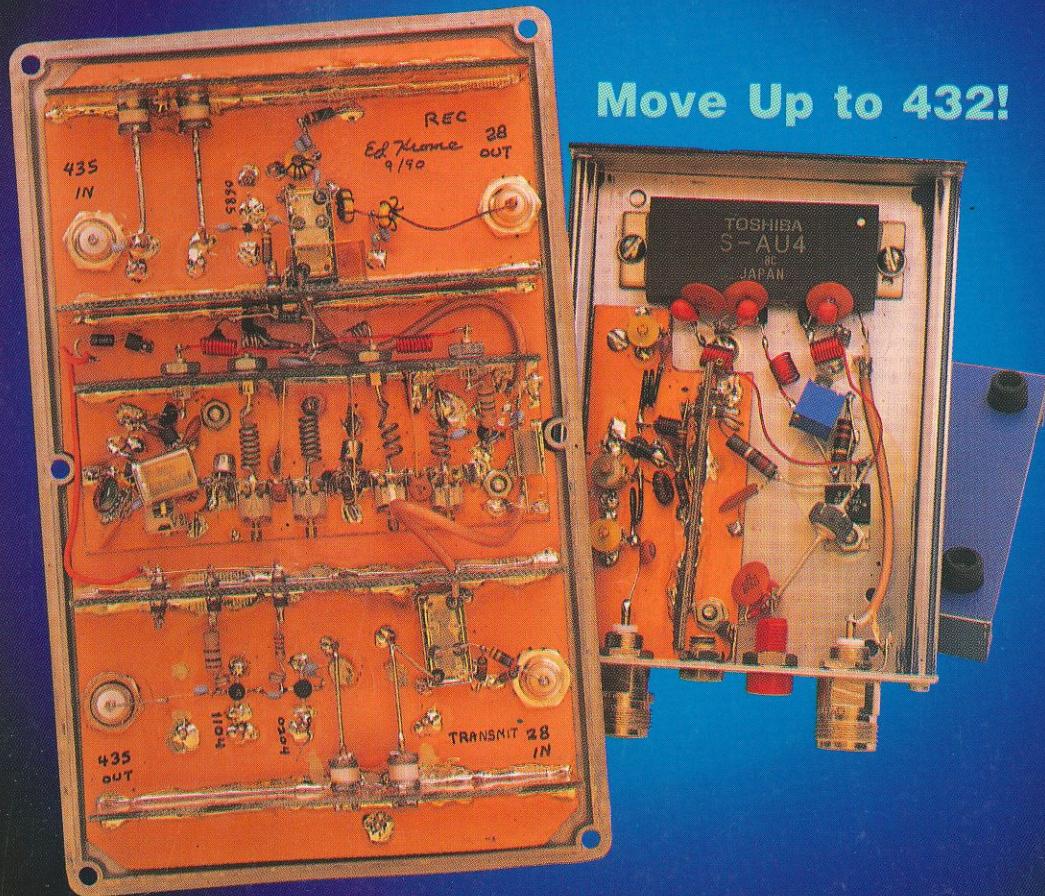


02961

# QST

September 1991 \$3.00

devoted entirely to Amateur Radio



Move Up to 432!





# QST

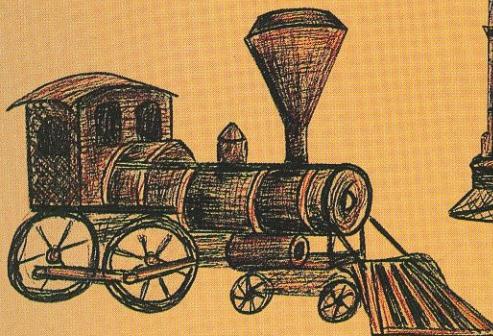
**devoted entirely to Amateur Radio**

August 1991 \$3.00



## 1991 NATIONAL CONVENTION

**AUGUST  
22, 23, & 24**



*A. J. Day*

02961



0 843655 9

# QST<sup>z</sup>

devoted entirely to Amateur Radio

July 1991 \$3.00



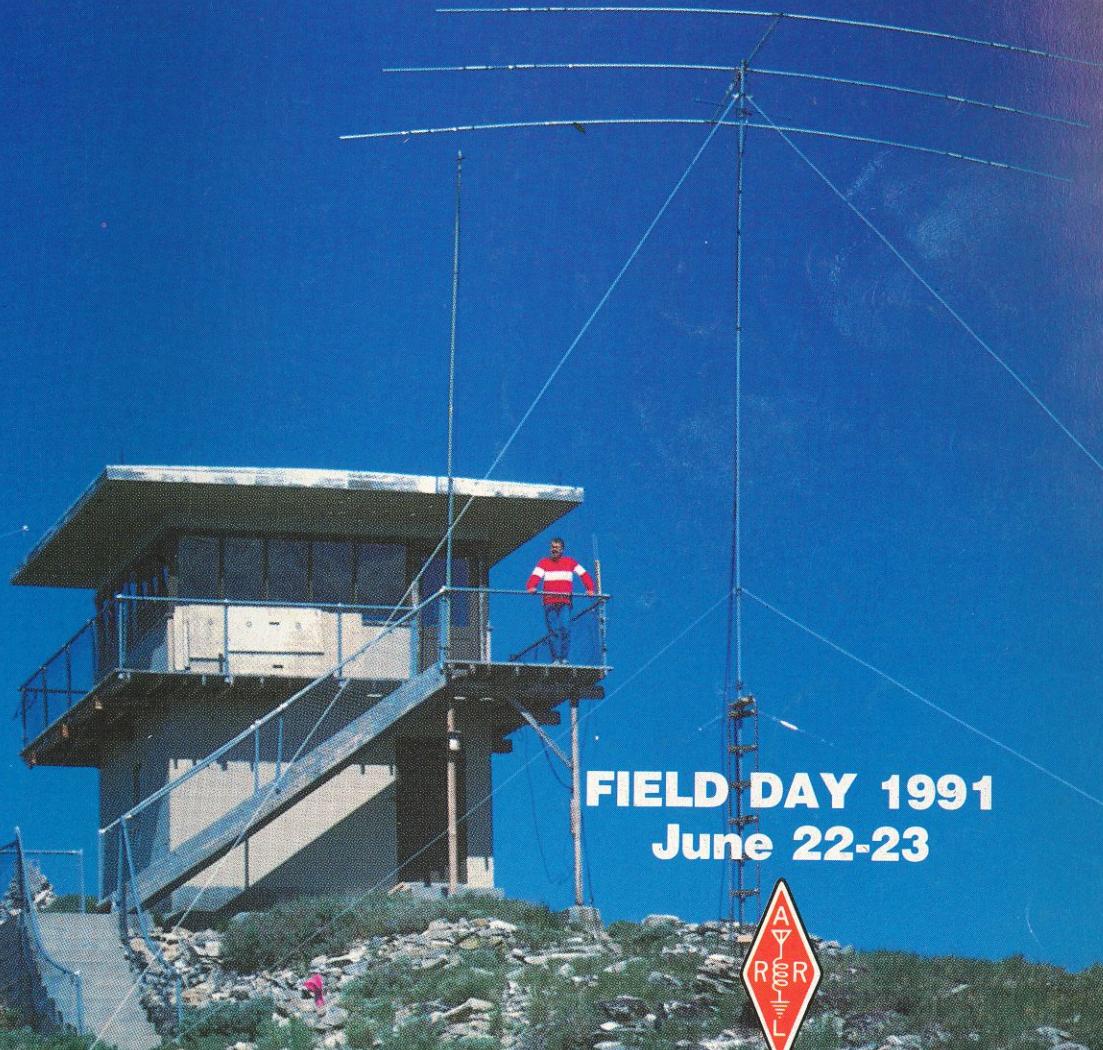
All-ham space shuttle crew  
sees fast-scan TV from Earth  
and talks to students worldwide



# QST

devoted entirely to Amateur Radio

June 1991 \$3.00



**FIELD DAY 1991**  
**June 22-23**

06

19910

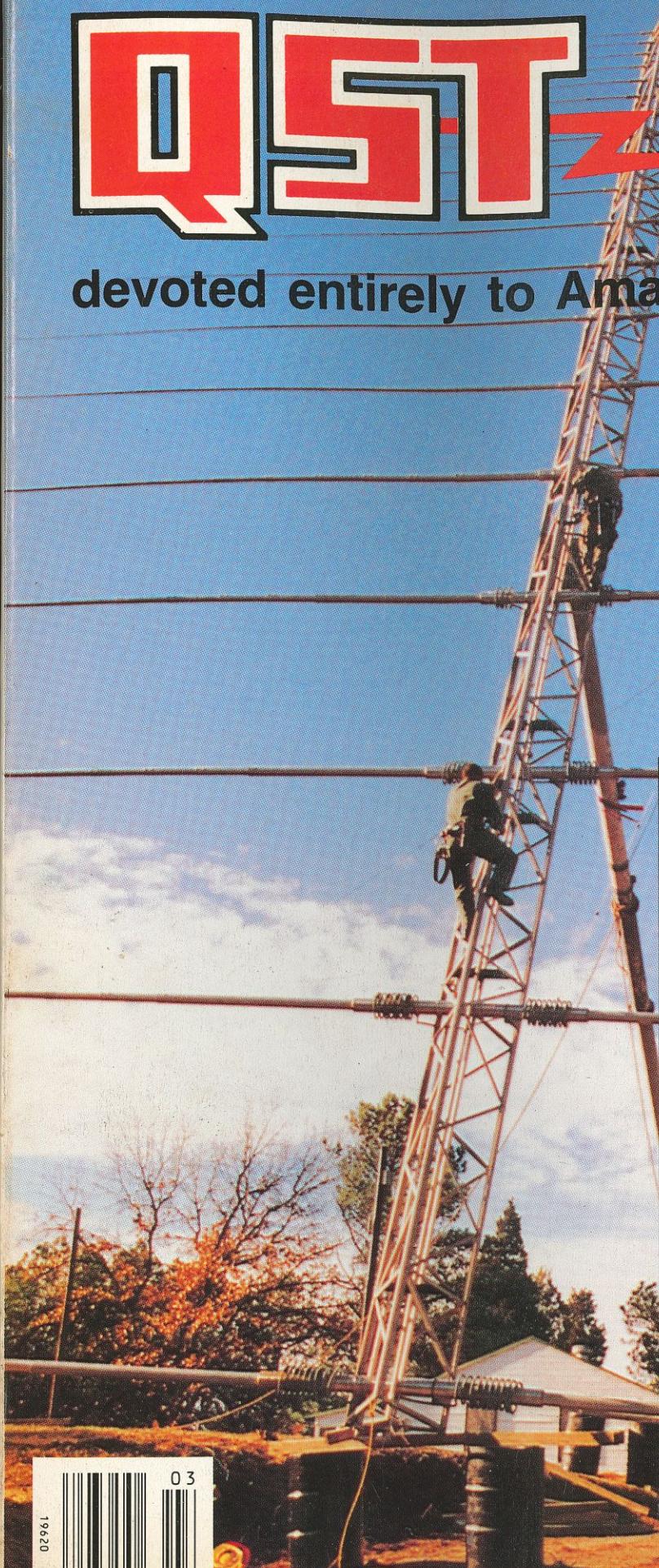
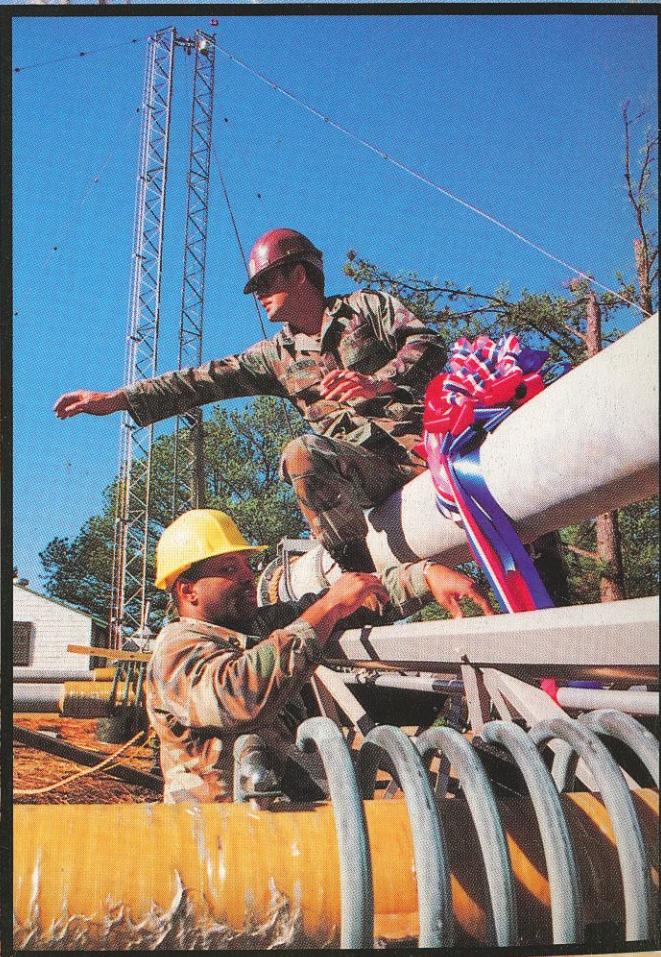


# QST

March 1991 \$3.00

devoted entirely to Amateur Radio

**MARS Supports  
Desert Storm Troops**



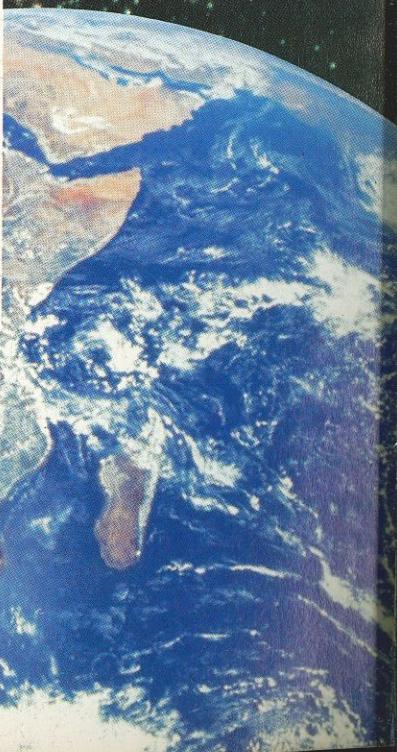
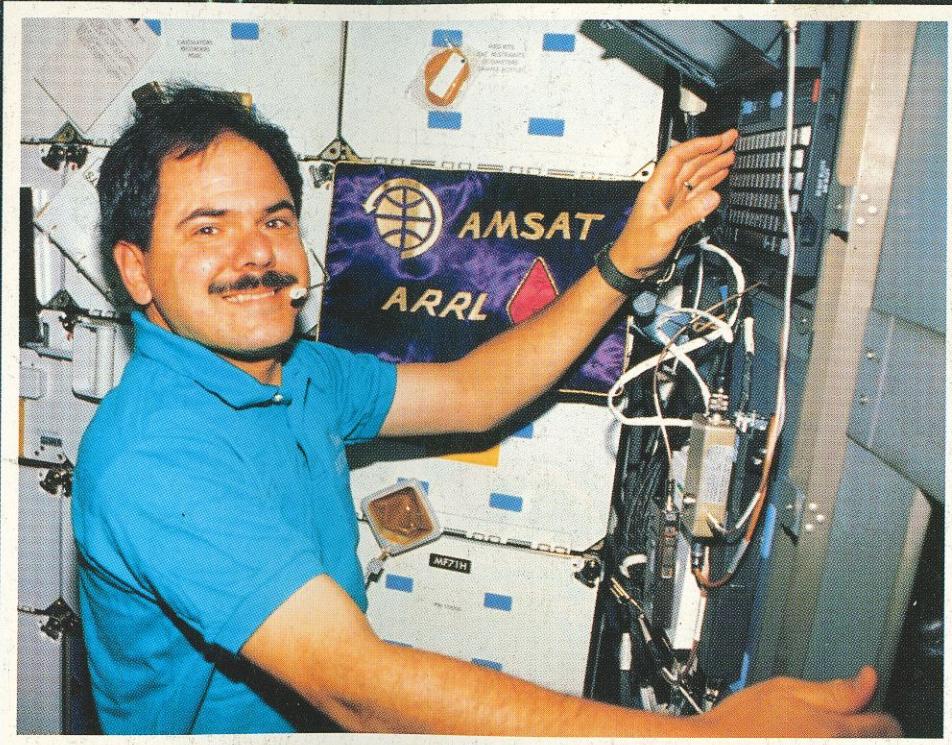
02961  
03  
0 843655 9

# QST

February 1991 \$3.00

devoted entirely to Amateur Radio

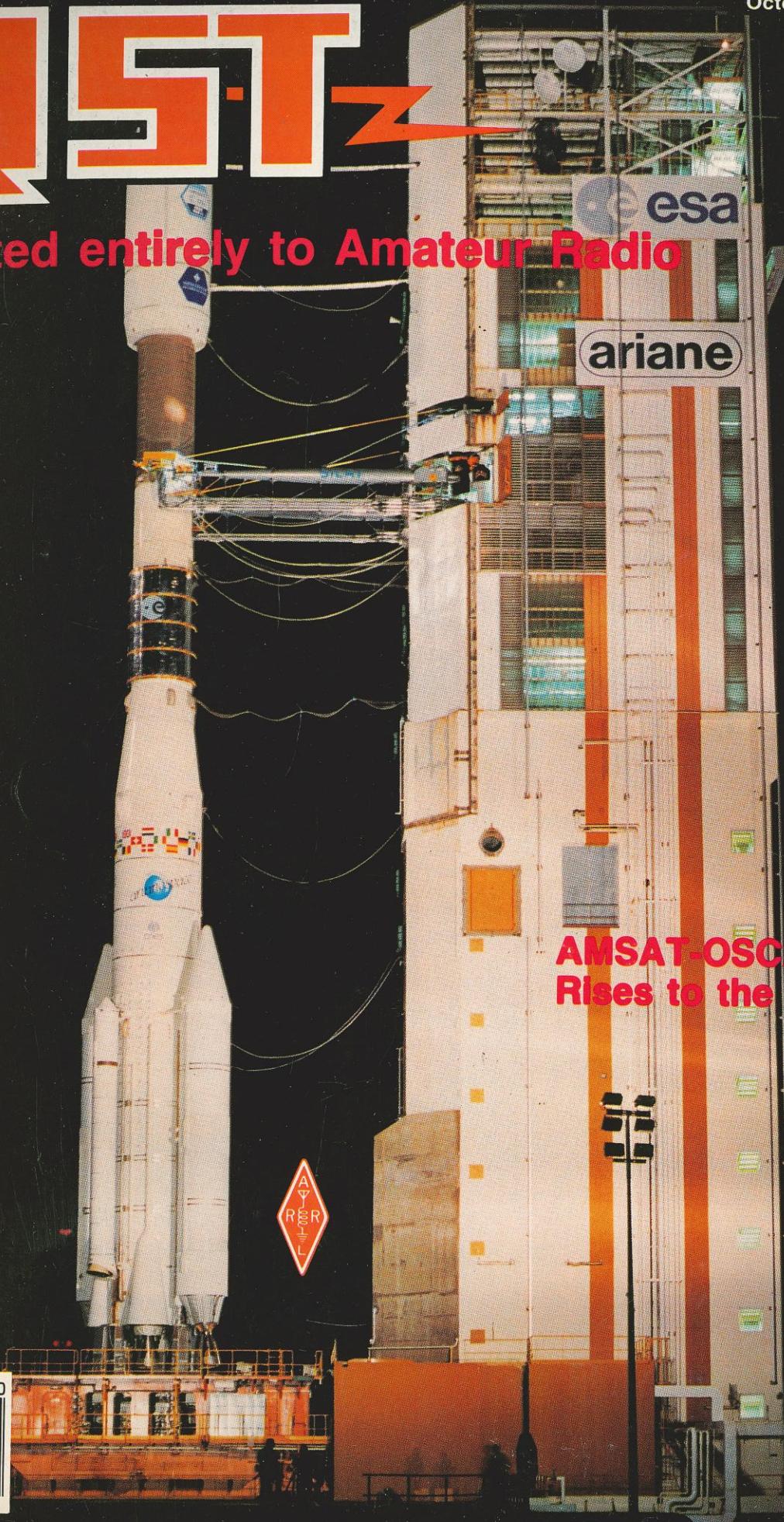
**Ham Astronaut Dr Ron Parise, WA4SIR,  
on SAREX: "It's the Ultimate DXpedition!"**



October 1988 \$3.00

# QST

devoted entirely to Amateur Radio



**AMSAT-OSCAR 13  
Rises to the Challenge**

GET ON THE  
FUND-DRIVE  
BANDWAGON!

09261



September 1988 \$3.00

# QST

devoted entirely to Amateur Radio

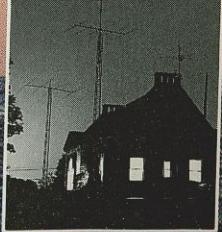


A maritime  
mobile adventure

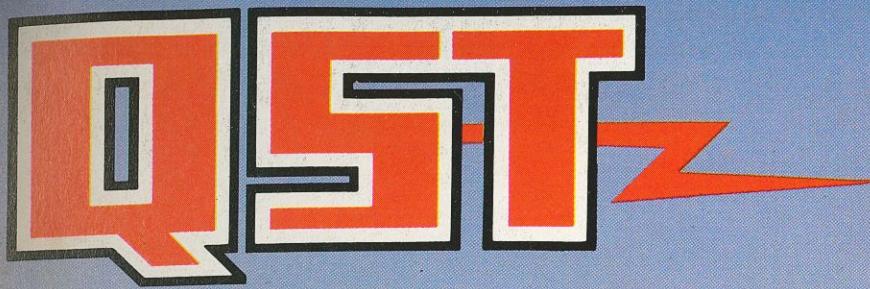
09261



GET ON THE  
FUND-DRIVE  
BANDWAGON!



August 1988 \$3.00



devoted entirely to Amateur Radio



## 1988 ARRL NATIONAL CONVENTION

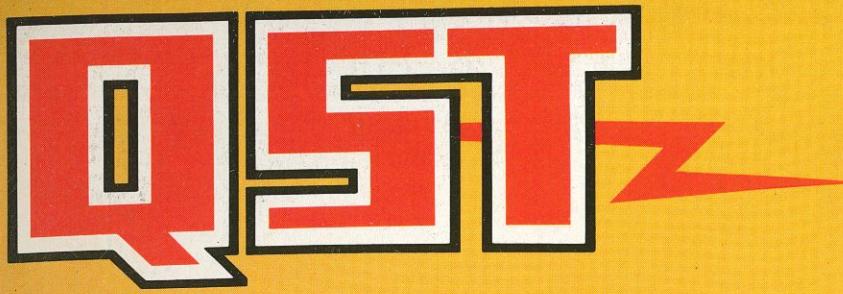
YOU ARE INVITED—SEPT 9, 10, 11

Page 3



PORLAND, OR  
“The City of Roses”

GET ON THE  
FUND-DRIVE  
BANDWAGON!



devoted entirely to Amateur Radio



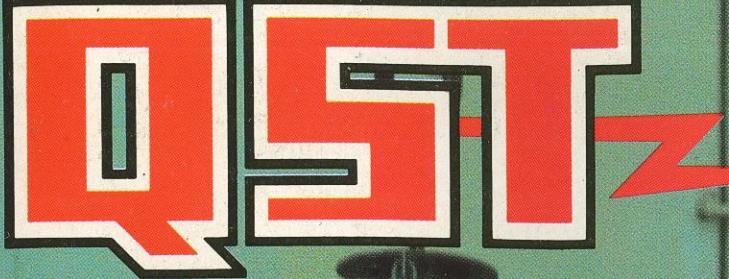
GET ON THE  
FUND-DRIVE  
BANDWAGON!



09261

Speaks loudly—  
With a *whisper* of drive

June 1988 \$3.00



devoted entirely to Amateur Radio

3...2...1...blastoff!

Page 22

ARIAN

GET ON THE  
FUND-DRIVE  
BANDWAGON!

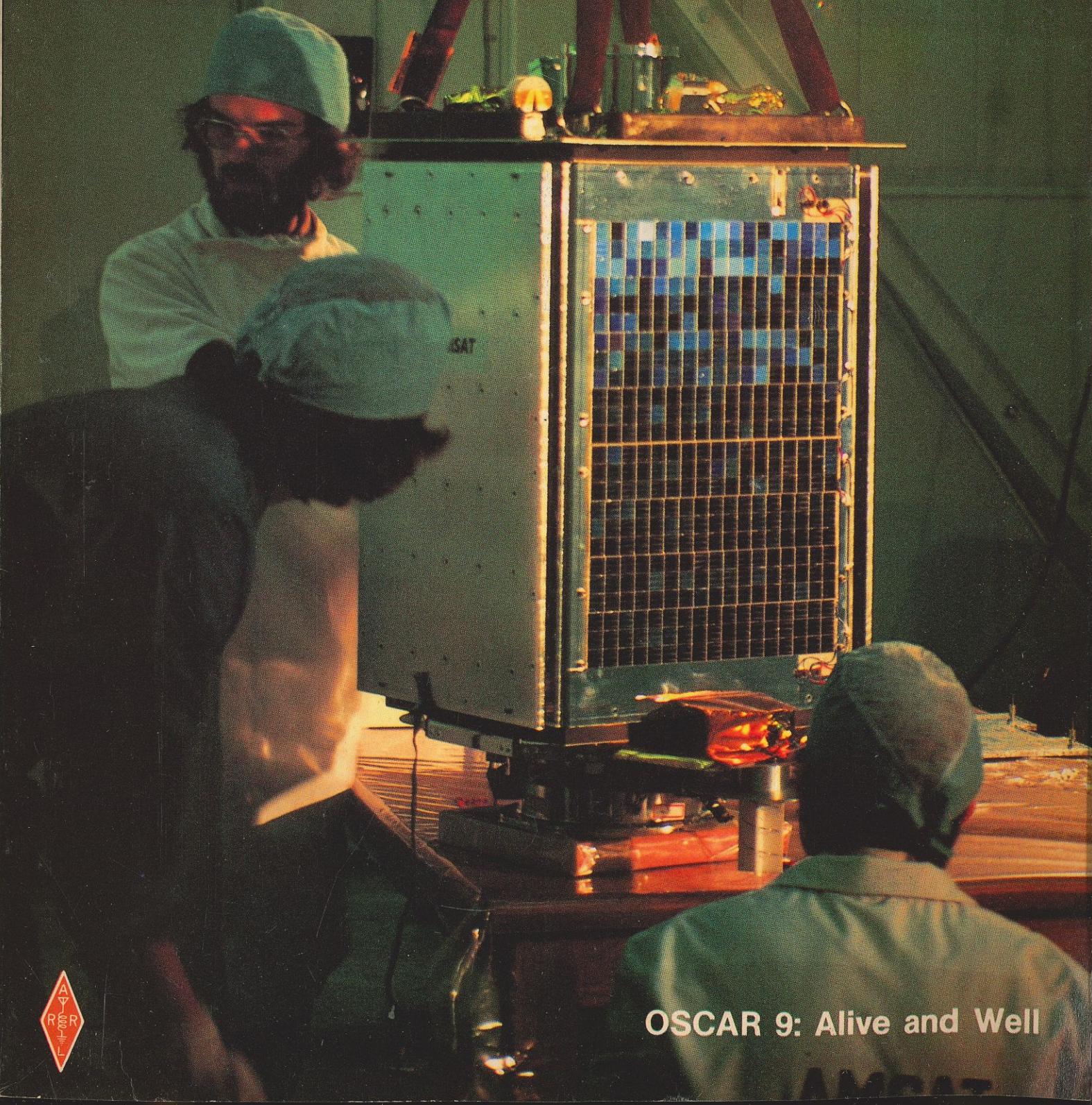


August 1984

\$2.75

# QST

devoted entirely to Amateur Radio



OSCAR 9: Alive and Well

# QST

devoted entirely to Amateur Radio

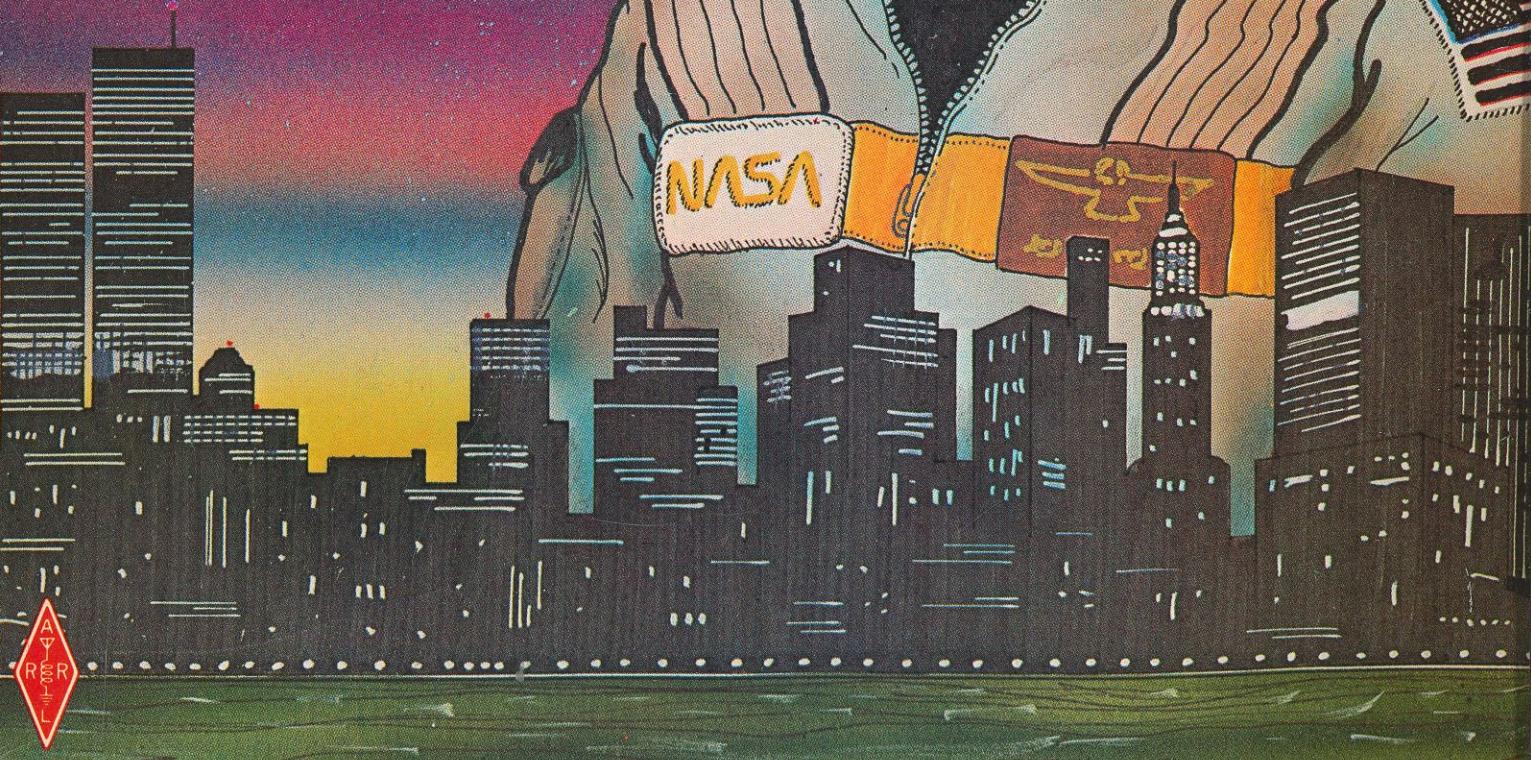
July 1984

\$2.75

The ARRL National Convention  
July 20-22, 1984  
New York City

LS  
'84

NASA





devoted entirely to Amateur Radio



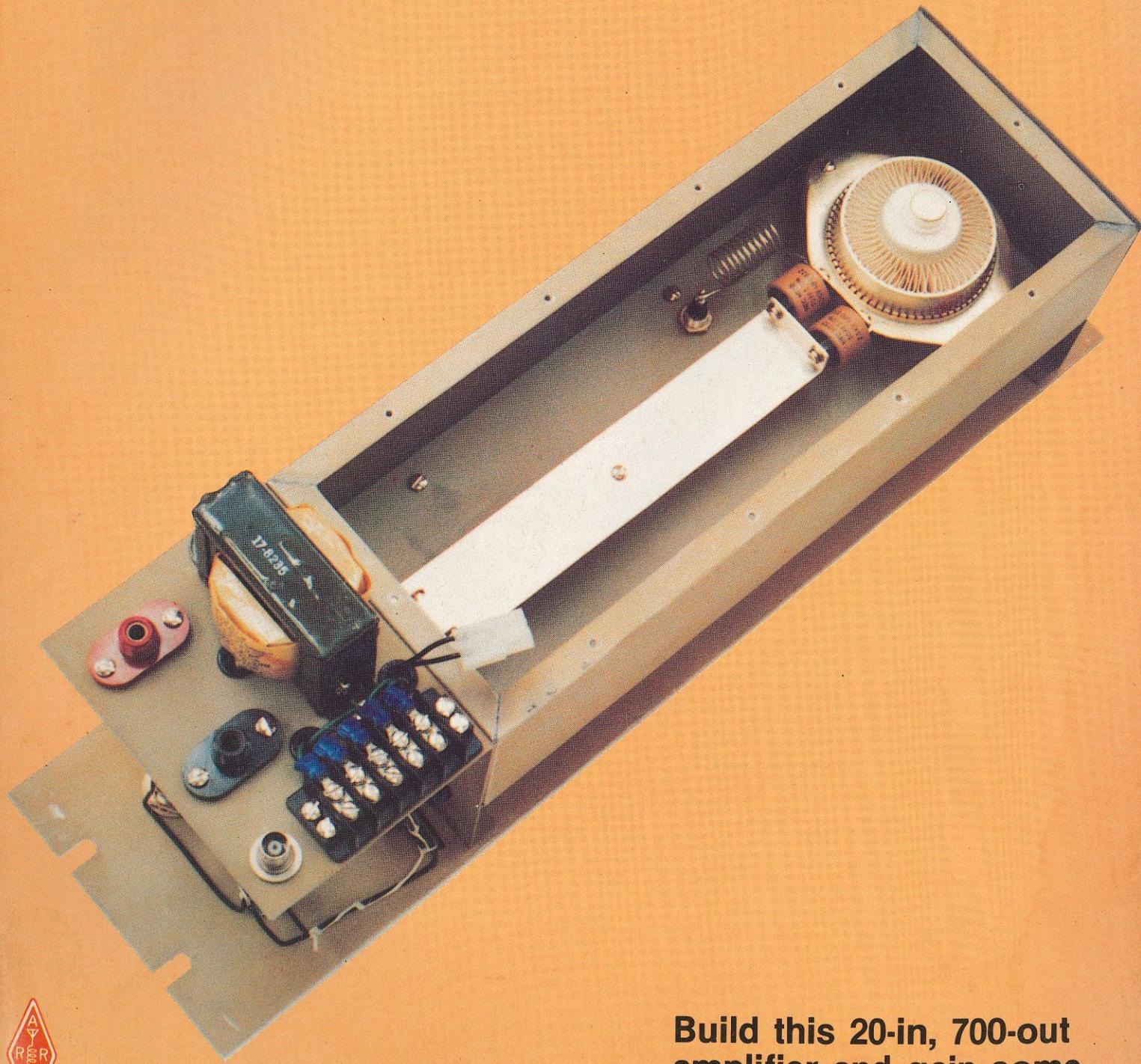
Upgraded 40-m beam  
enhances W1AW tower

Page 44





**devoted entirely to Amateur Radio**



**Build this 20-in, 700-out  
amplifier and gain some  
respect on 2 meters**

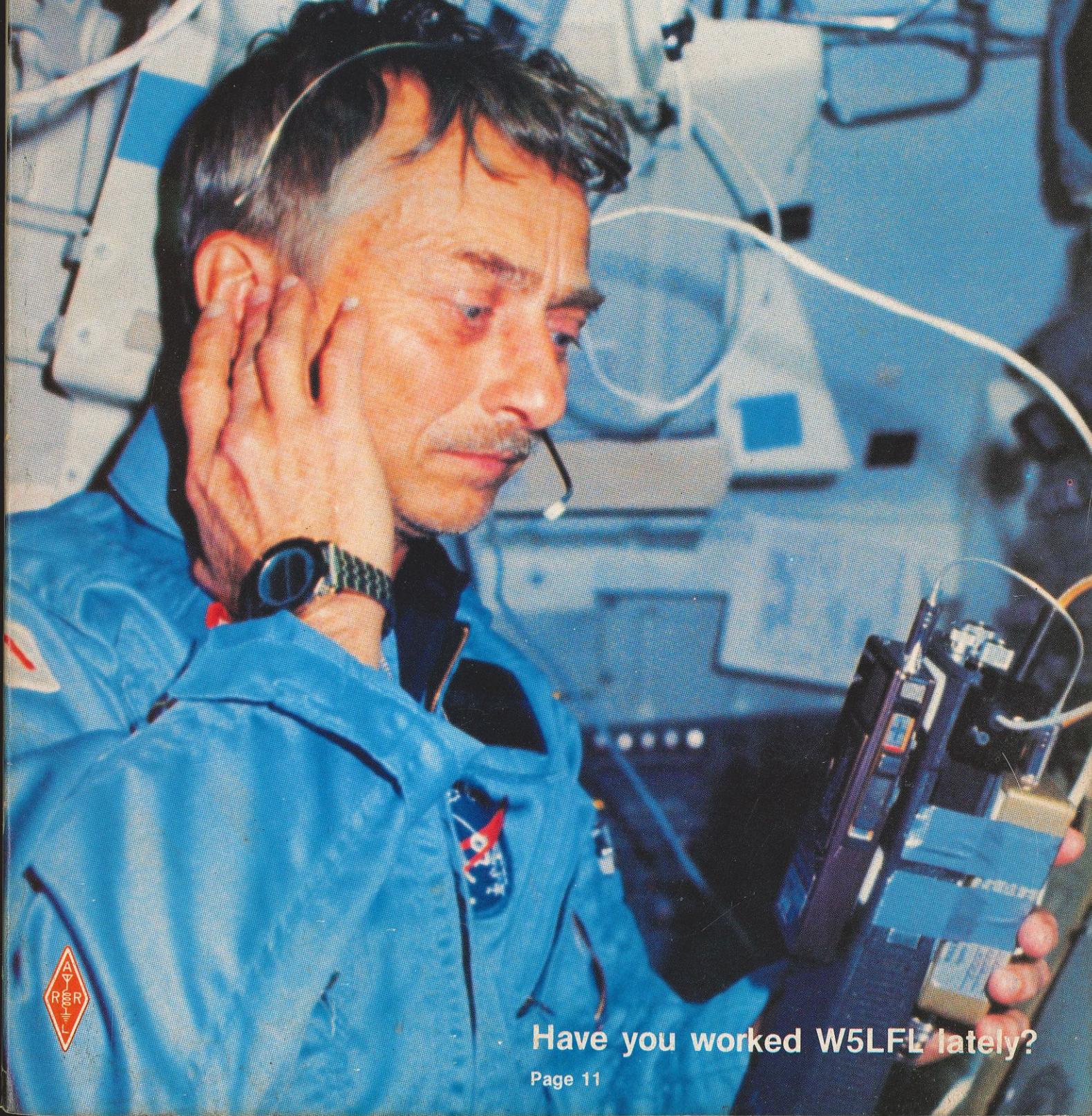


February 1984

\$2.75

**QST**

devoted entirely to Amateur Radio



Have you worked W5LFL lately?

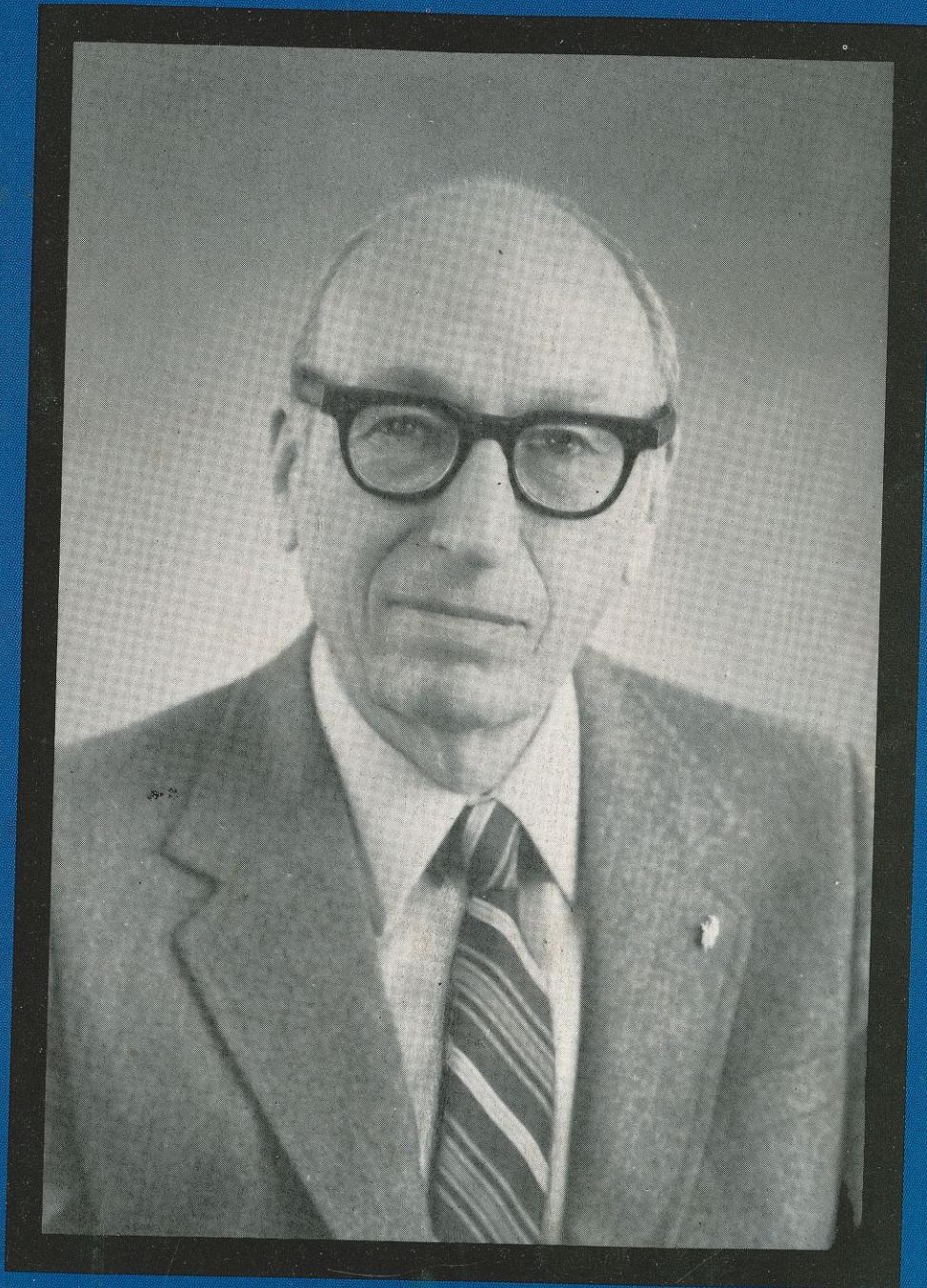
Page 11

January 1984

\$2.75



devoted entirely to Amateur Radio



Victor C. Clark, W4KFC  
1917-1983



December 1989 \$3.00



devoted entirely to Amateur Radio



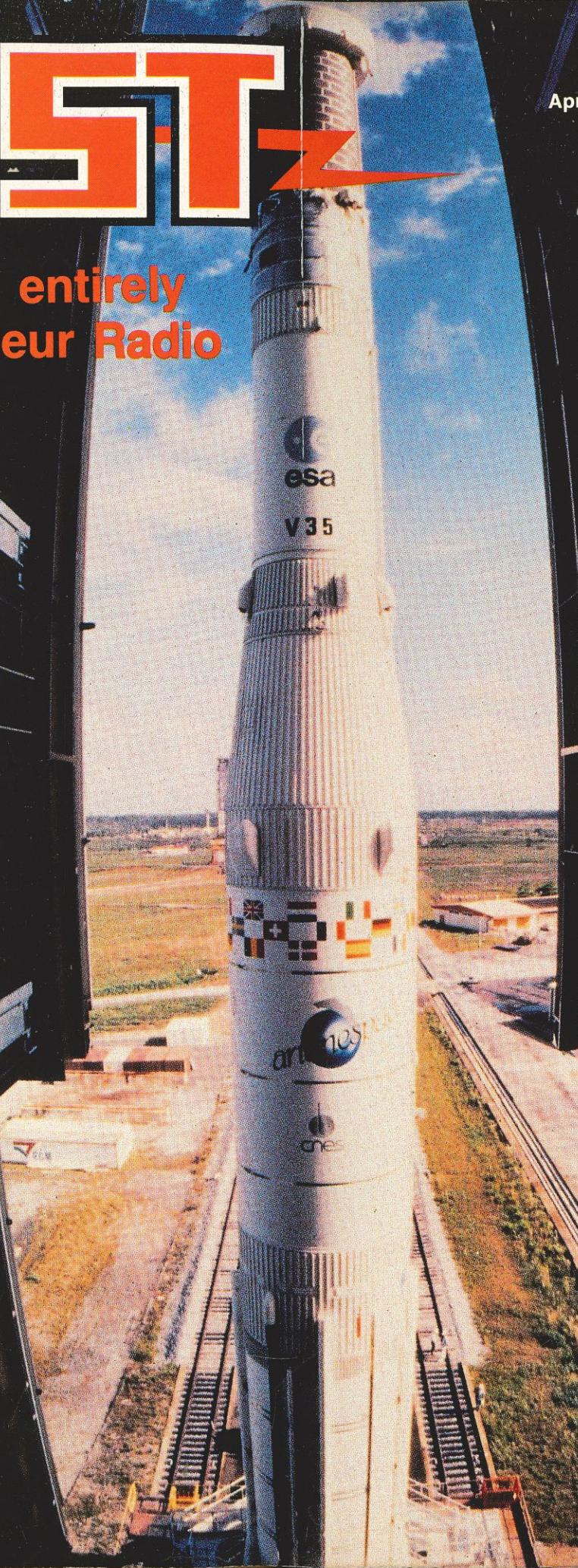
**The New W1AW Really Shines!**



# QST

devoted entirely  
to Amateur Radio

April 1990 \$3.00



**Microsats Fly!**



# QST

March 1990 \$3.00

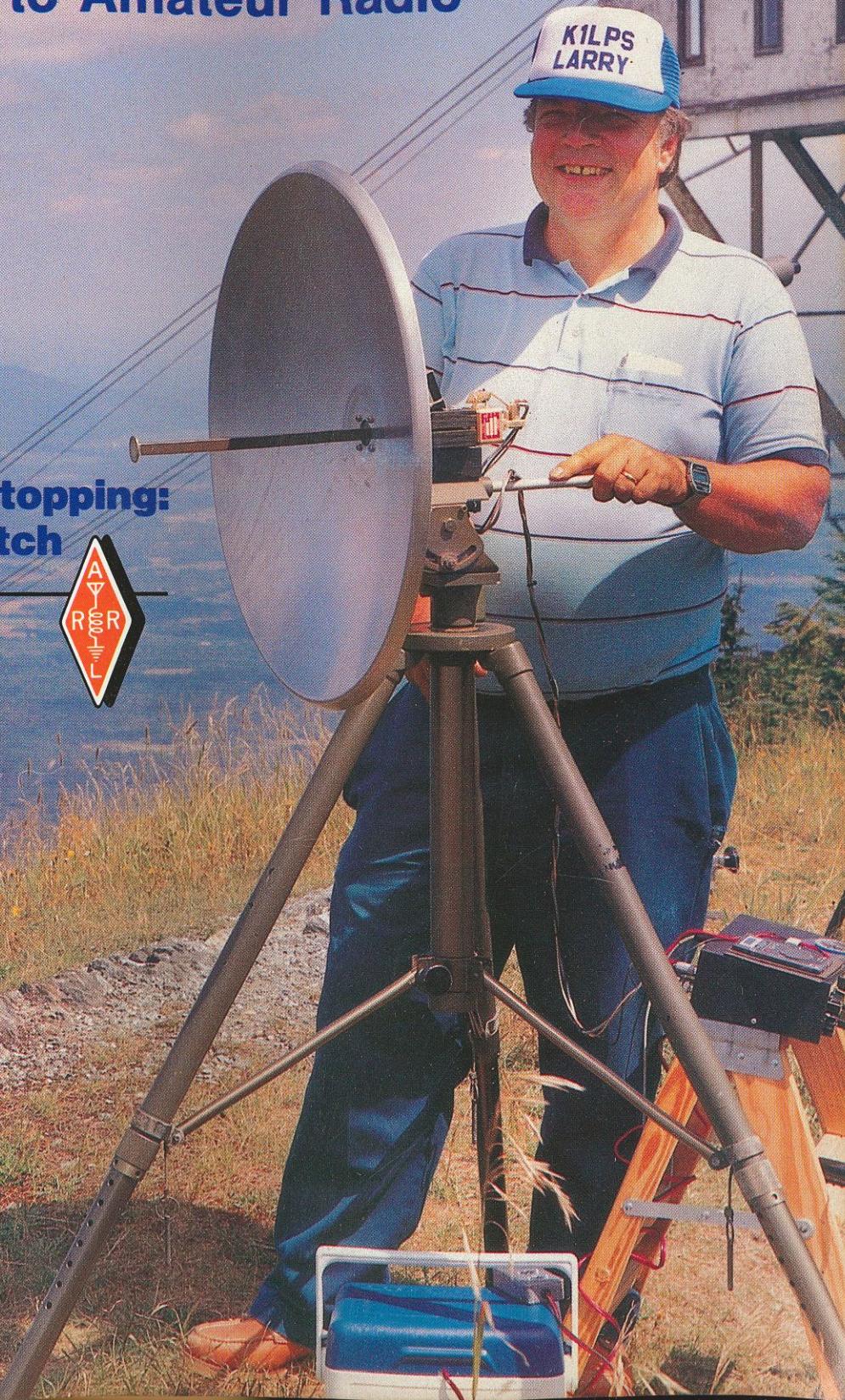
devoted entirely to Amateur Radio

**Microwaves  
and Mountaintopping:  
A Perfect Match**



09261

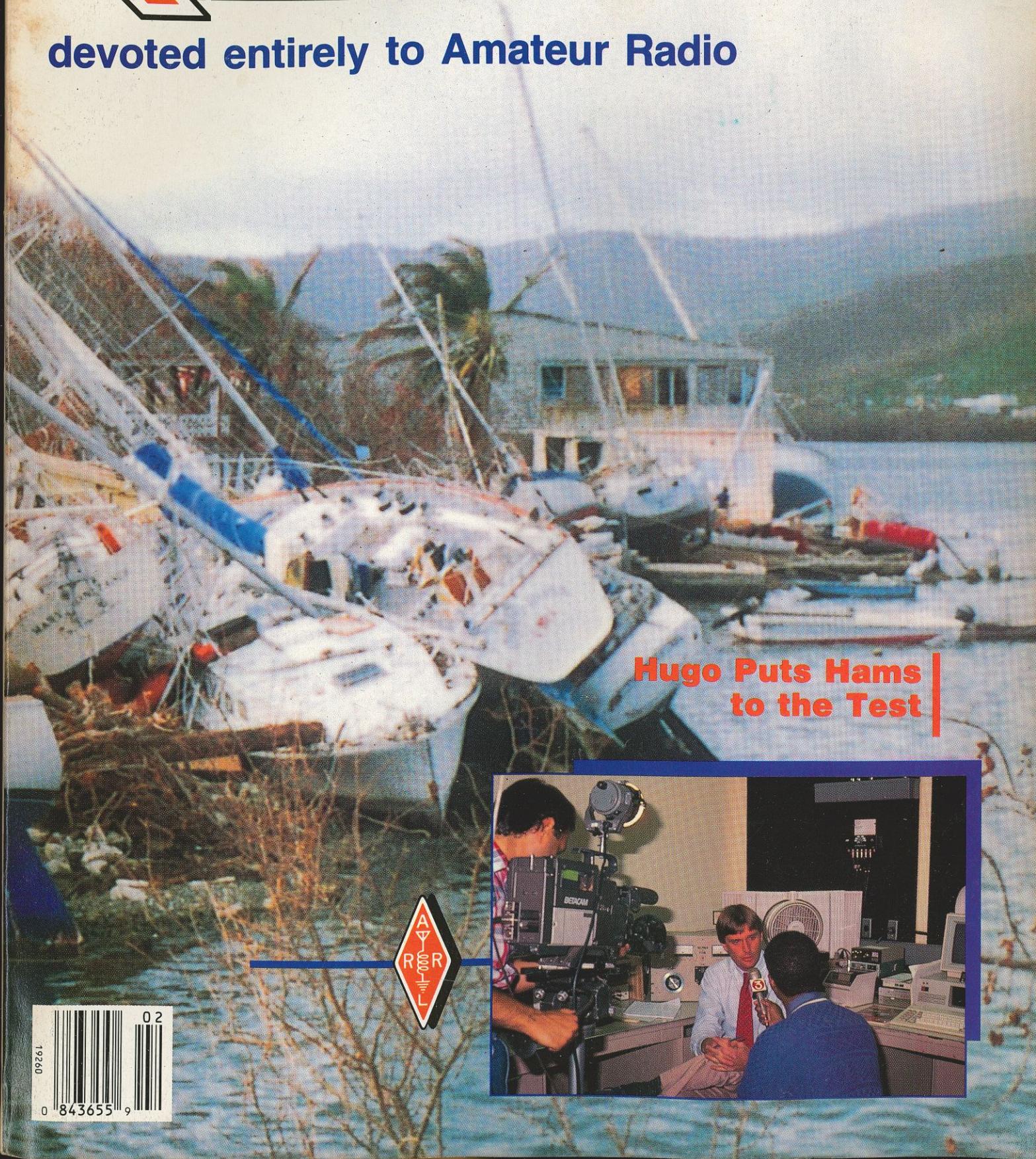
0 843655 9





February 1990 \$3.00

devoted entirely to Amateur Radio



**Hugo Puts Hams  
to the Test**

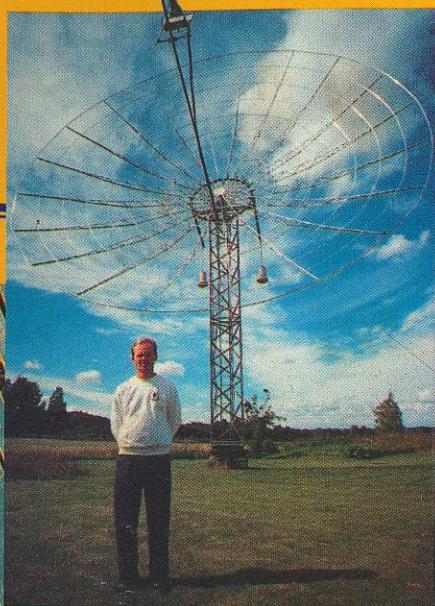


09261



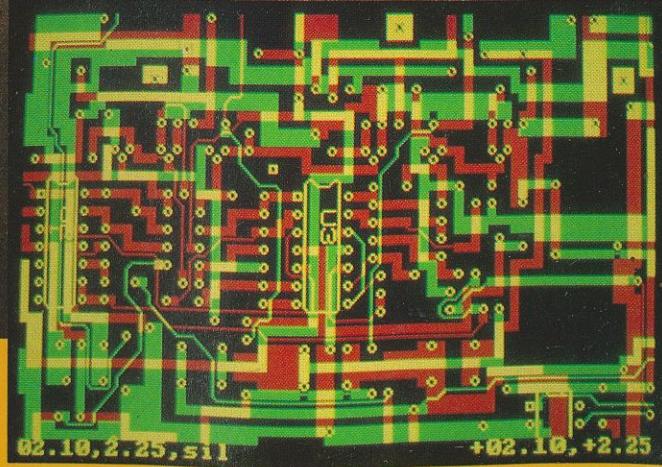
January 1990 \$3.00

devoted entirely to Amateur Radio



THE '90s:

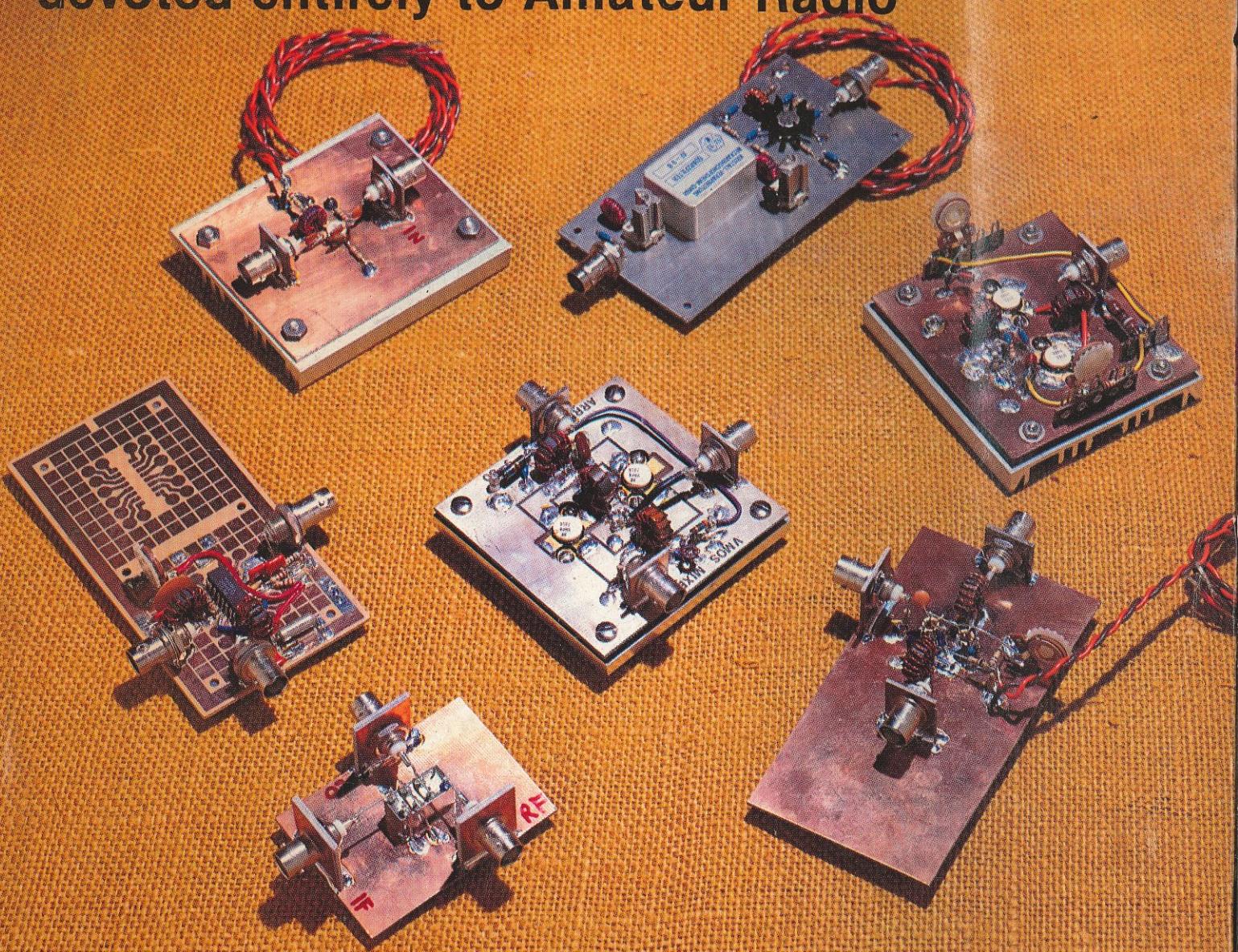
what does the future hold?





January 1981 \$2.50

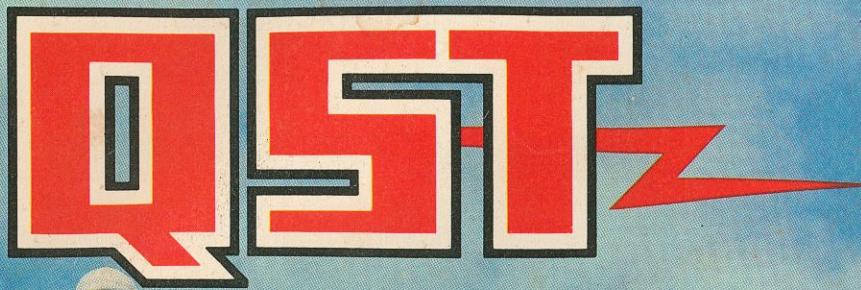
devoted entirely to Amateur Radio



## High Dynamic Range Mixers

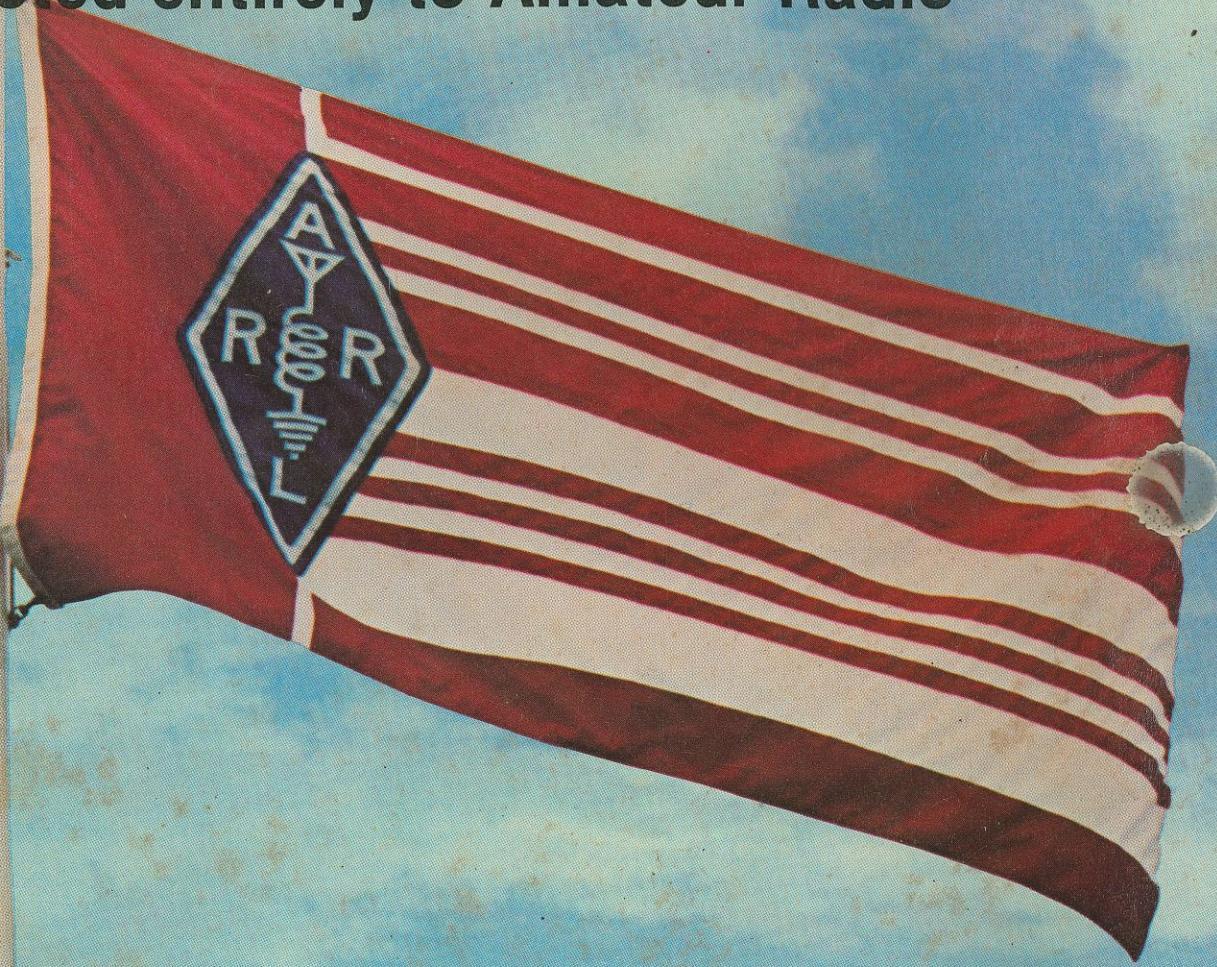
Page 19





October 1980 \$2.50

devoted entirely to Amateur Radio

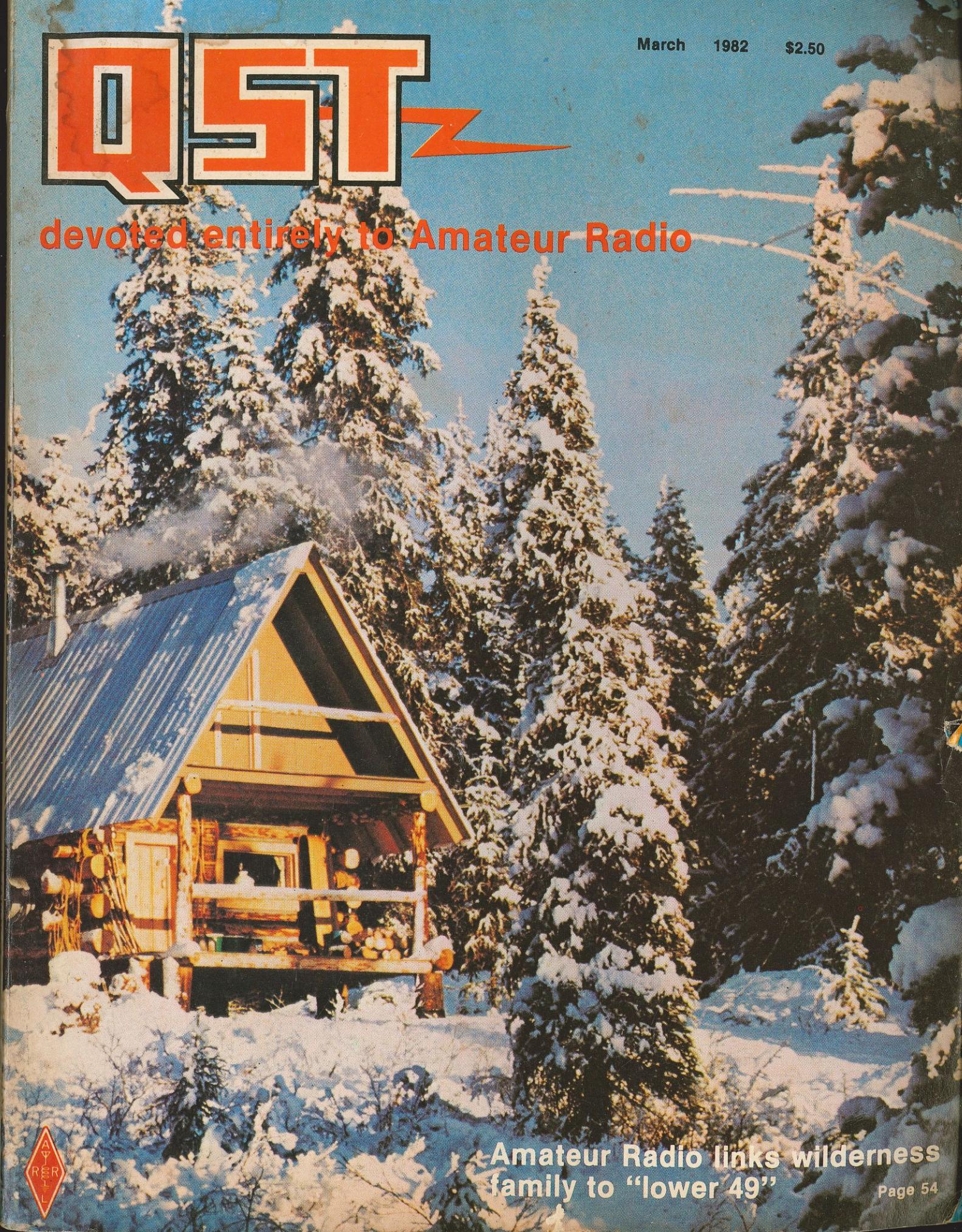


The ARRL flag



March 1982 \$2.50

devoted entirely to Amateur Radio



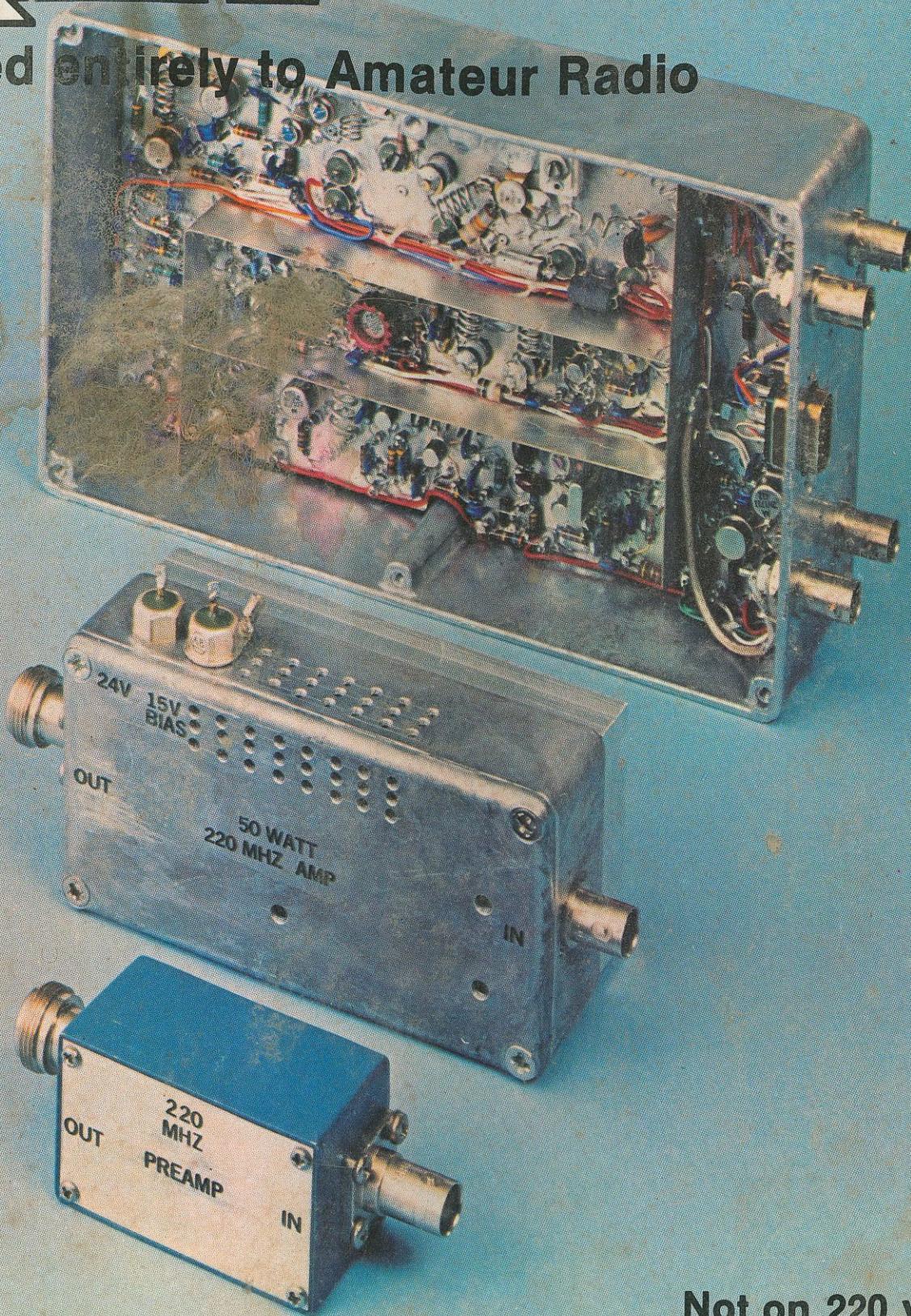
Amateur Radio links wilderness  
family to "lower 49"



Page 54



devoted entirely to Amateur Radio

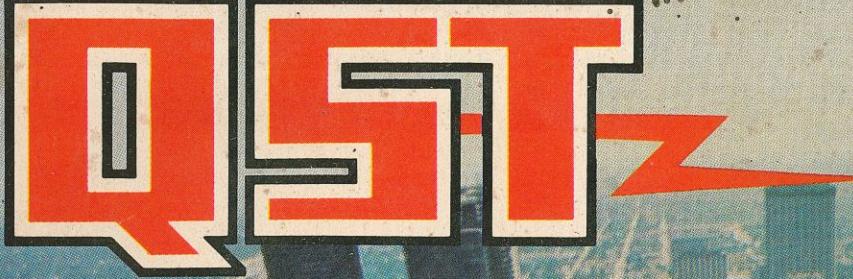


Not on 220 yet?

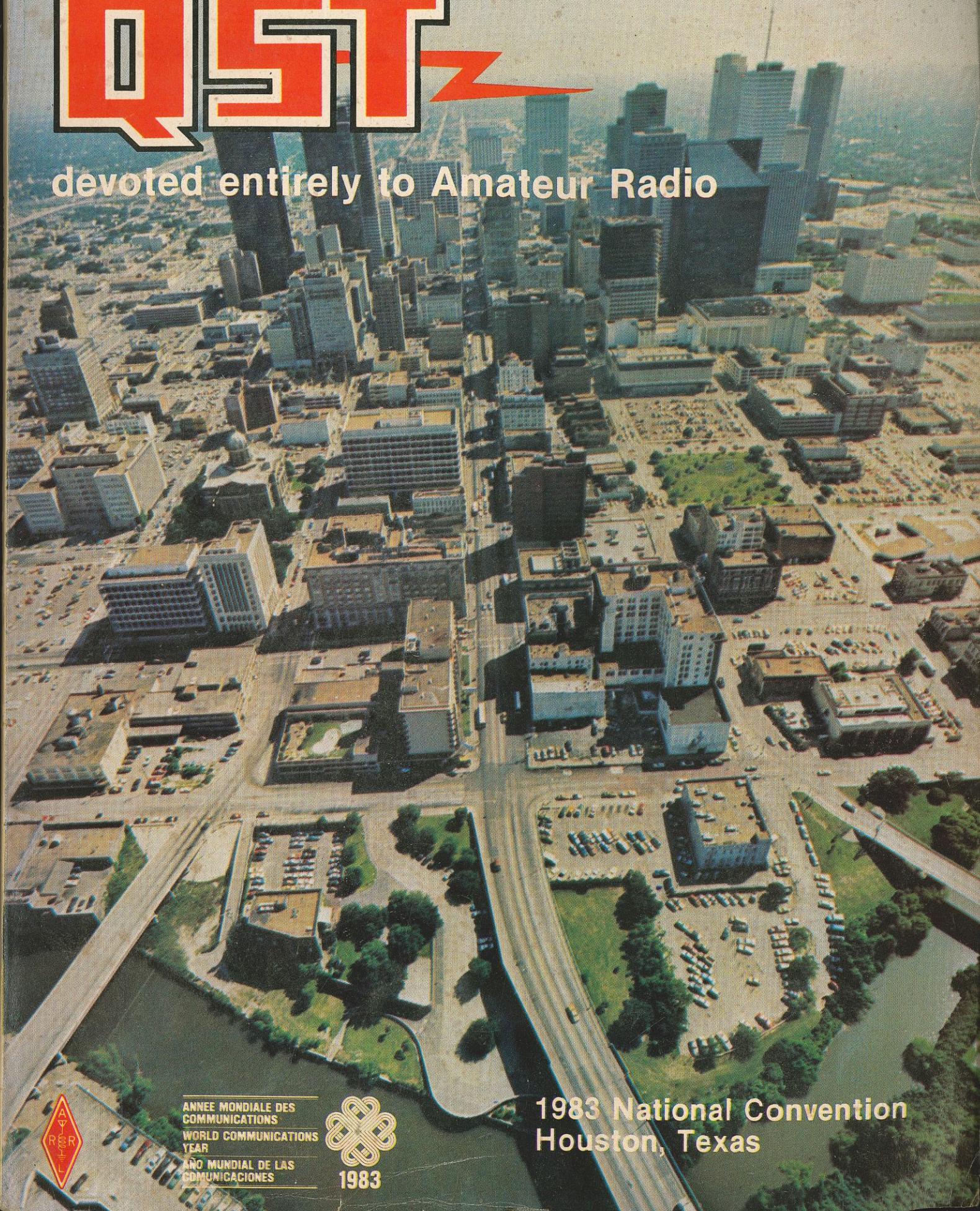
Page 14

October 1983

\$2.50



devoted entirely to Amateur Radio



ANNEE MONDIALE DES  
COMMUNICATIONS  
WORLD COMMUNICATIONS  
YEAR  
AÑO MUNDIAL DE LAS  
COMUNICACIONES



1983

1983 National Convention  
Houston, Texas

January 1986 \$2.75

# QST

devoted entirely to Amateur Radio

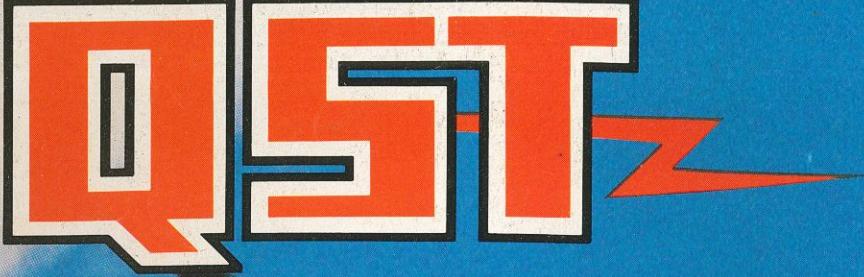


Amateur Radio shines  
at Jambo '85

Page 56

December 1985

\$2.75



devoted entirely to Amateur Radio



Looking for a directional  
220-MHz antenna?

Page 21

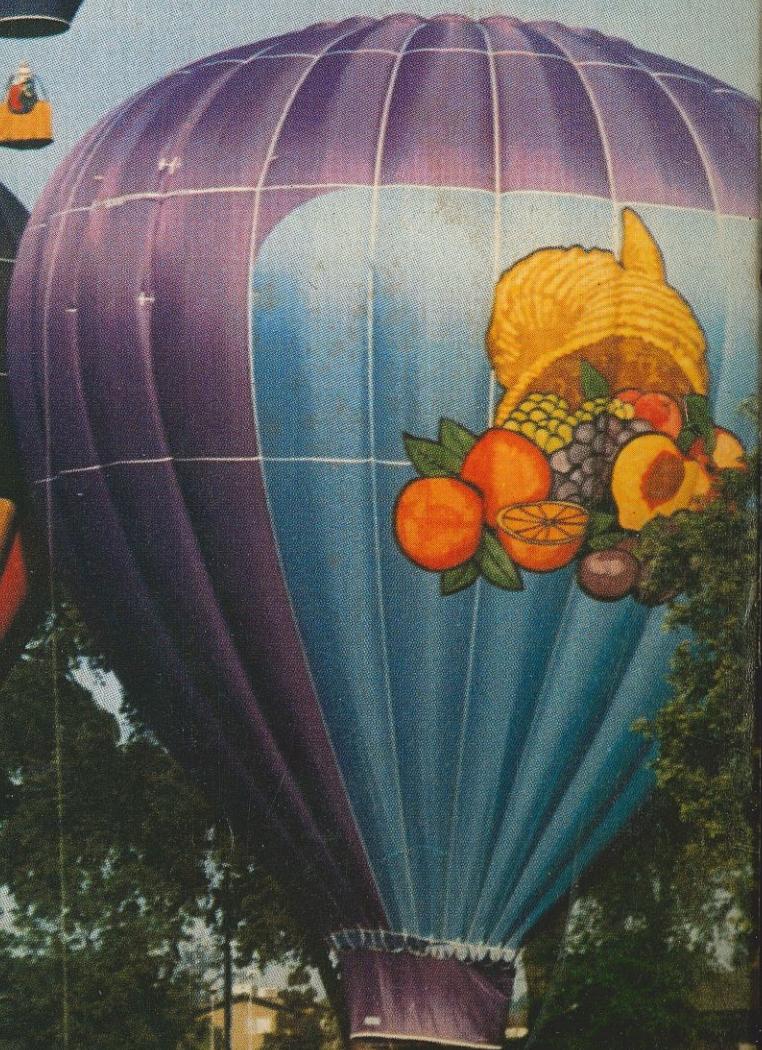


devoted entirely to Amateur Radio



1982  
GREAT  
SIERRA  
BALLOON  
CROSSING

N 56839

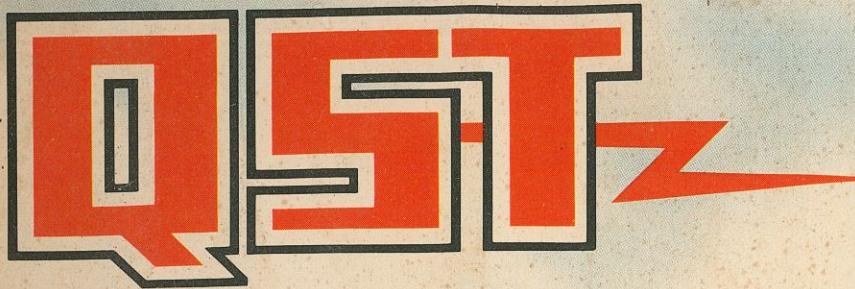


Hams go Hot Air Mobile

Page 13



April 1982 \$2.50



devoted entirely to Amateur Radio



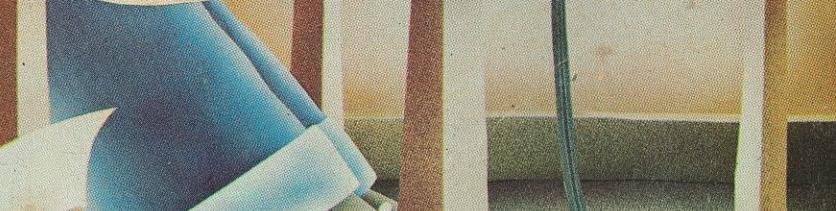
April Fool?

Page 3

# QST

devoted entirely to Amateur Radio

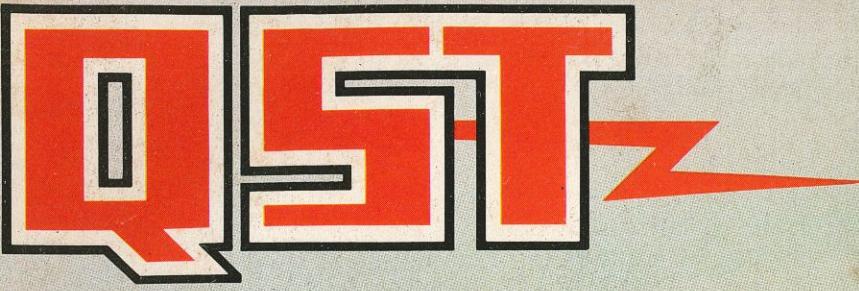
May 1978 \$2.00



See where the action was  
during the Sweepstakes!

Page 66





devoted entirely to Amateur Radio



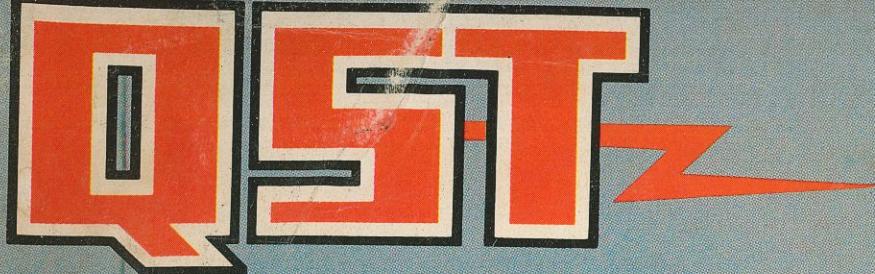
ANNEE MONDIALE DES  
COMMUNICATIONS  
WORLD COMMUNICATIONS  
YEAR  
AÑO MUNDIAL DE LAS  
COMUNICACIONES



1983

VHF QSO Party Results

Page 82

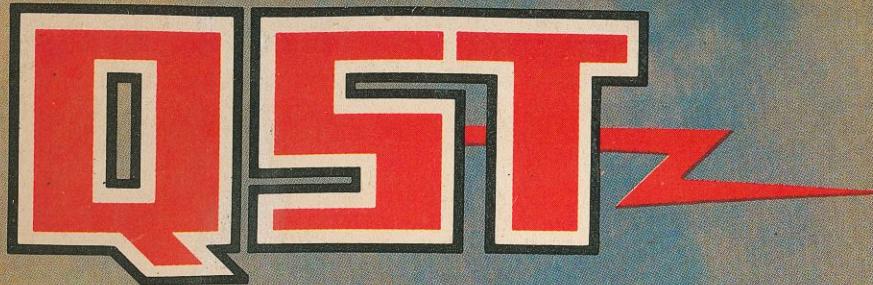


**devoted entirely to Amateur Radio**



**Fun and games  
above 50 MHz**

**Page 100**



May 1986 \$3.00

devoted entirely to Amateur Radio



**Shooting the moon**

Page 86



May 1987 \$3.00

# QST

devoted entirely to Amateur Radio



Are you ready for Field Day?

See rules inside.

09269



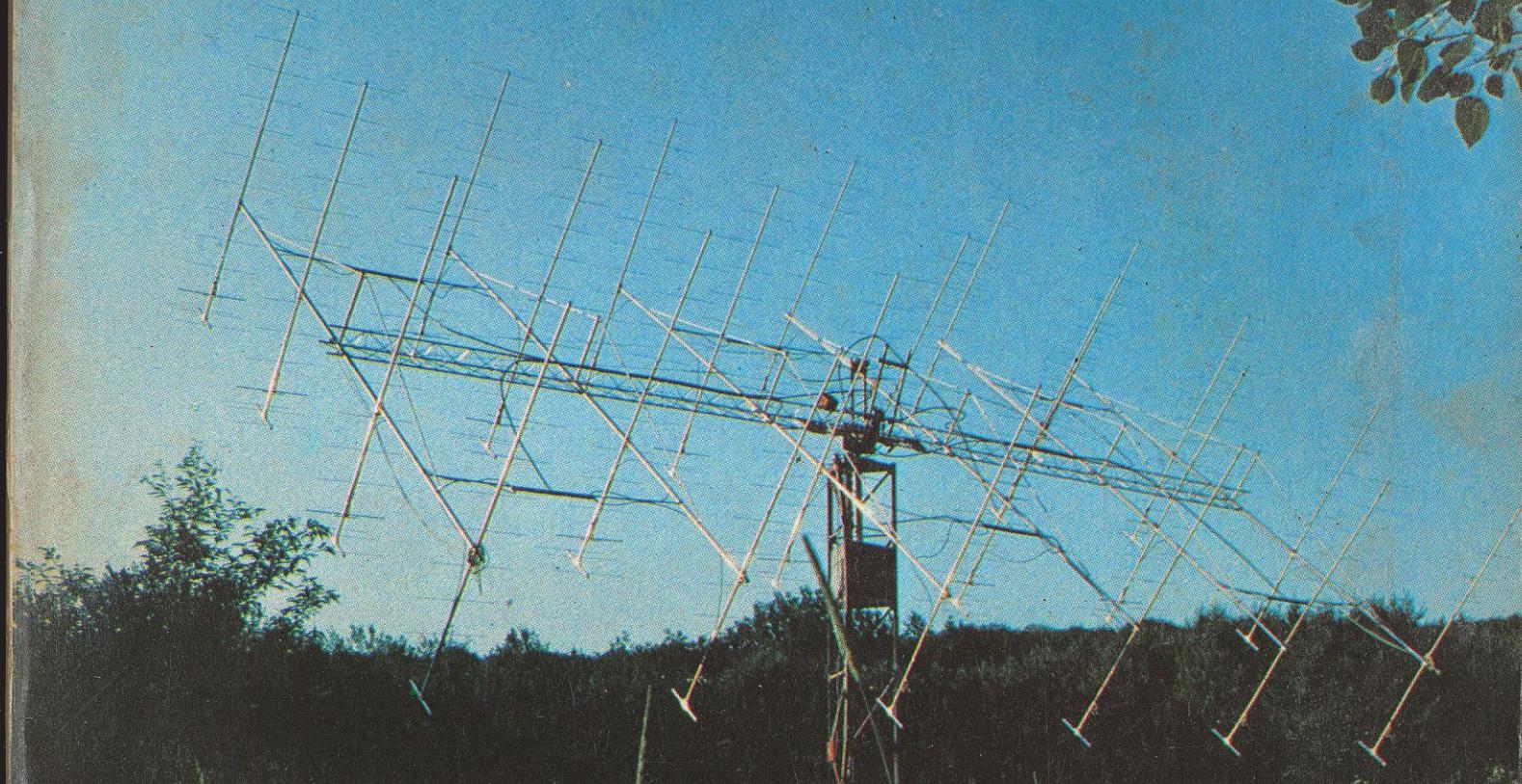
0 843655 9



# QST

September 1981 \$2.50

devoted entirely to Amateur Radio



EME, with gusto!

Pages 54 and 81

# QST

devoted entirely to Amateur Radio

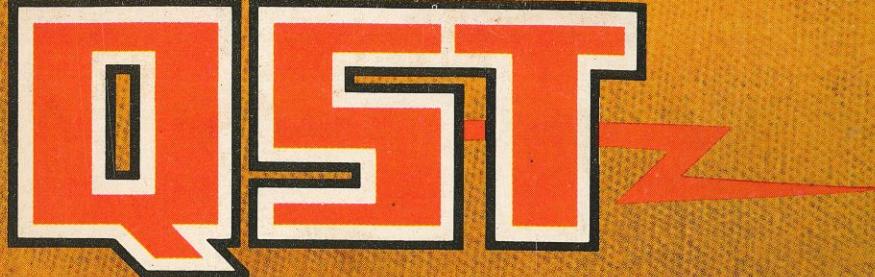
June 1978 \$2.00



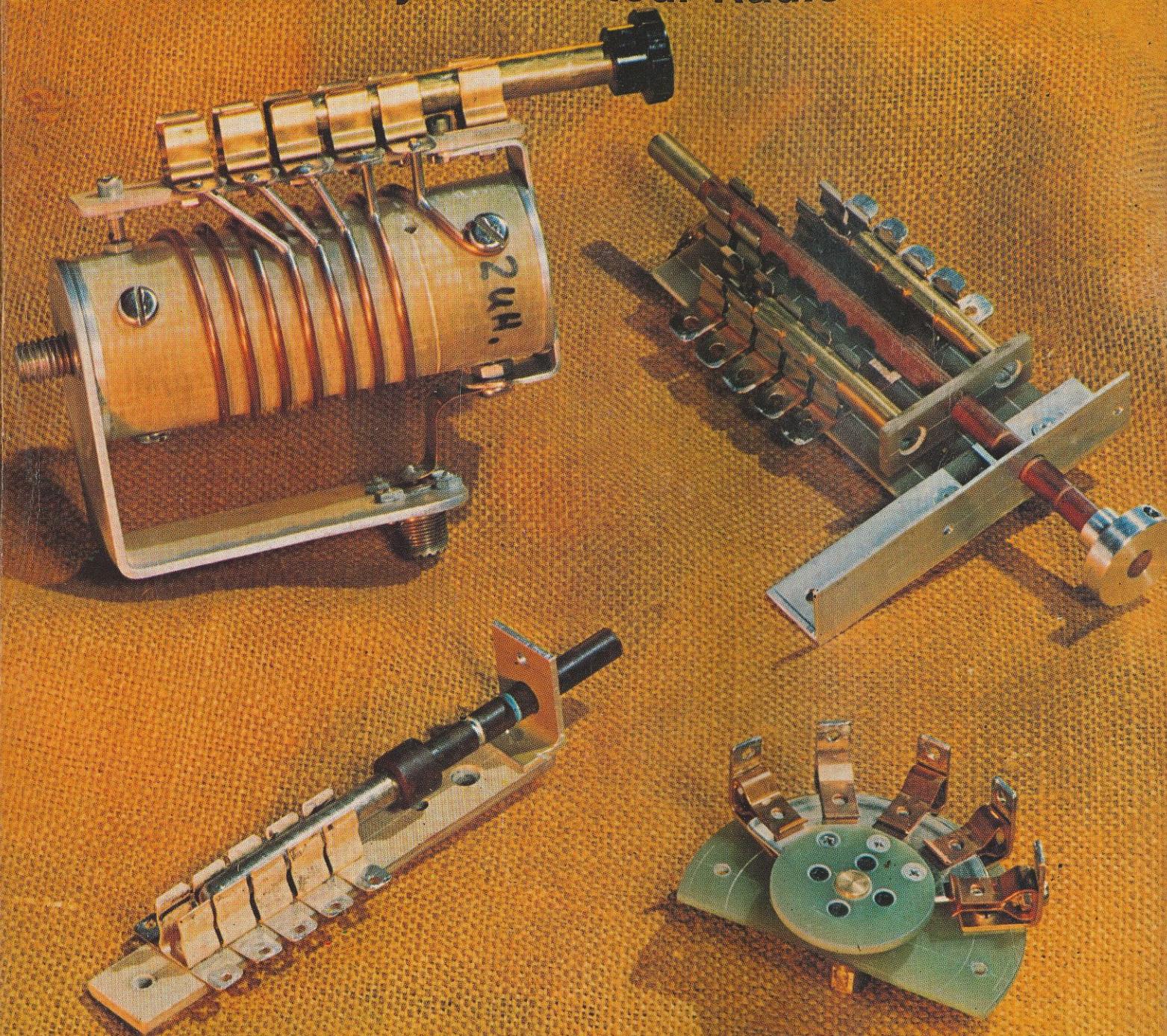
# SAFETY

How safe is your ham shack? Are you being zapped by rf radiation?





devoted entirely to Amateur Radio



ANNEE MONDIALE DES  
COMMUNICATIONS  
WORLD COMMUNICATIONS  
YEAR  
AÑO MUNDIAL DE LAS  
COMUNICACIONES



1983

Switches from the junkbox

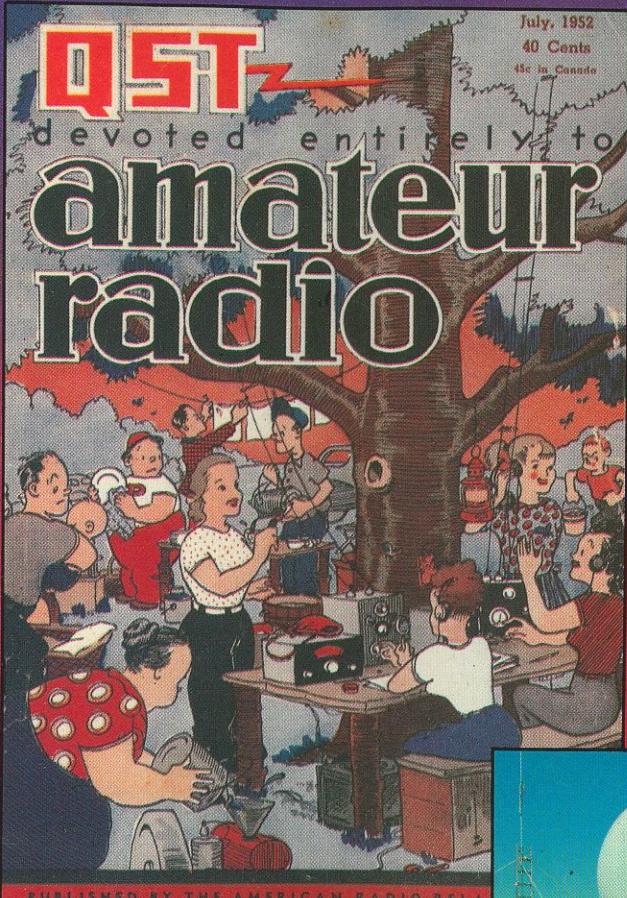
Page 18

# QST

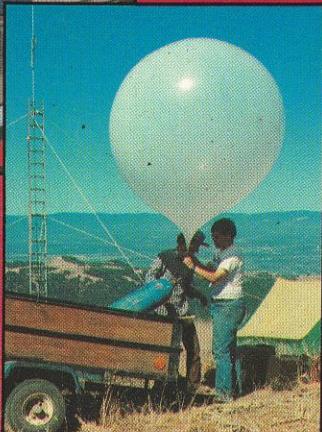
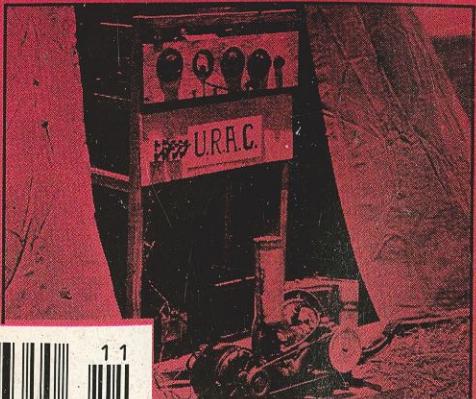
November 1989 \$3.00



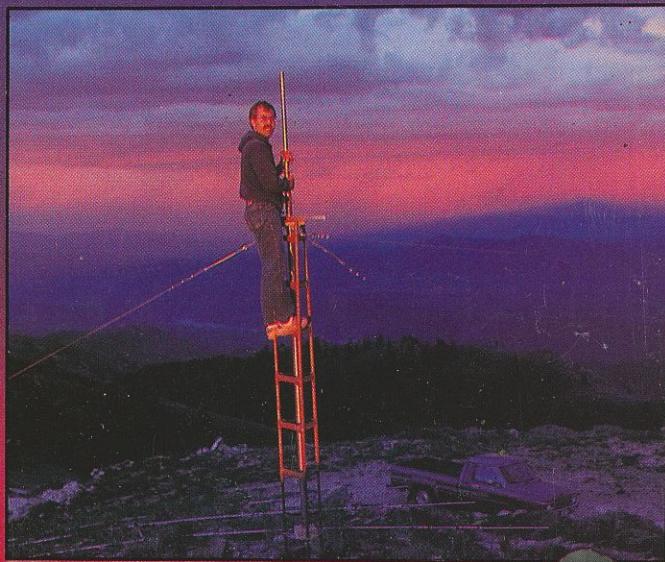
devoted entirely to Amateur Radio

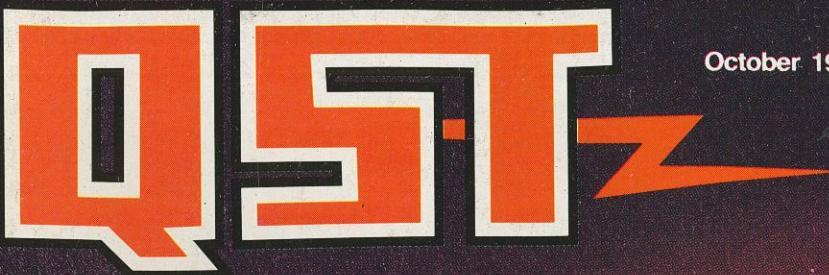


PUBLISHED BY THE AMERICAN RADIO RELAY



## FIELD DAY THROUGH THE YEARS

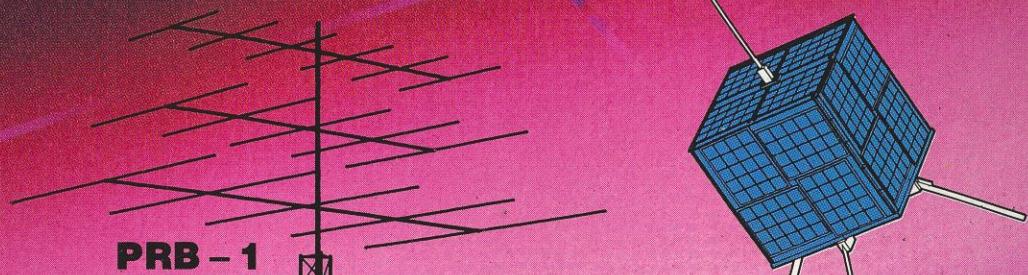




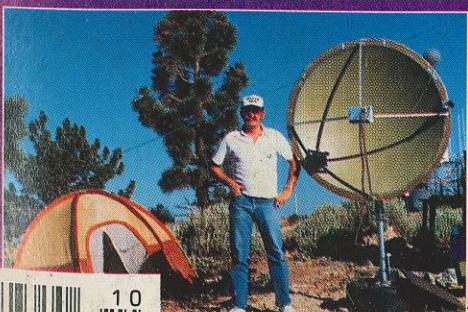
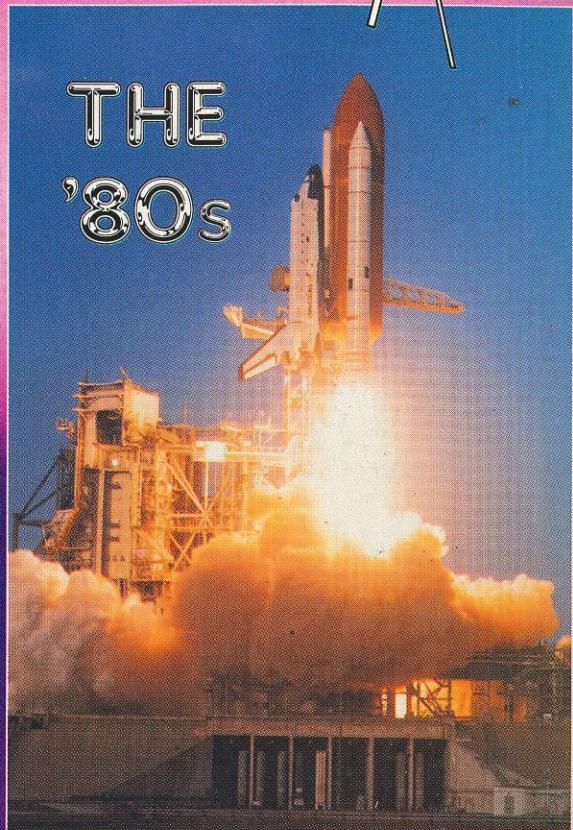
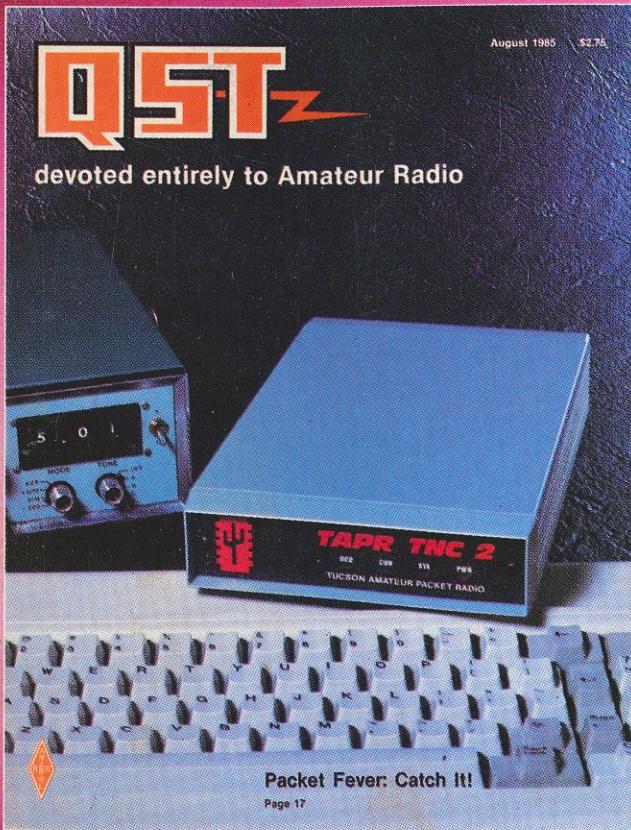
October 1989 \$3.00



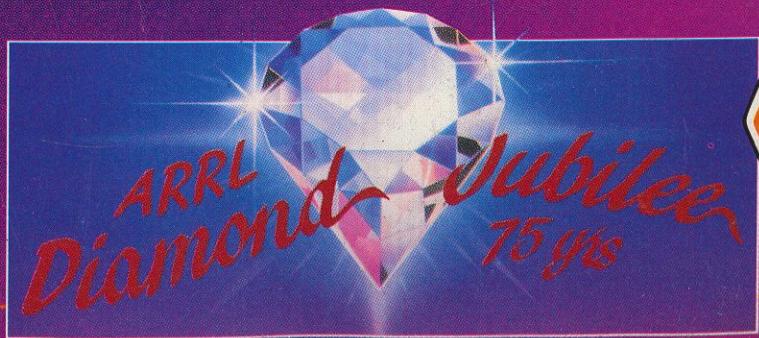
devoted entirely to Amateur Radio



PRB - 1



19260





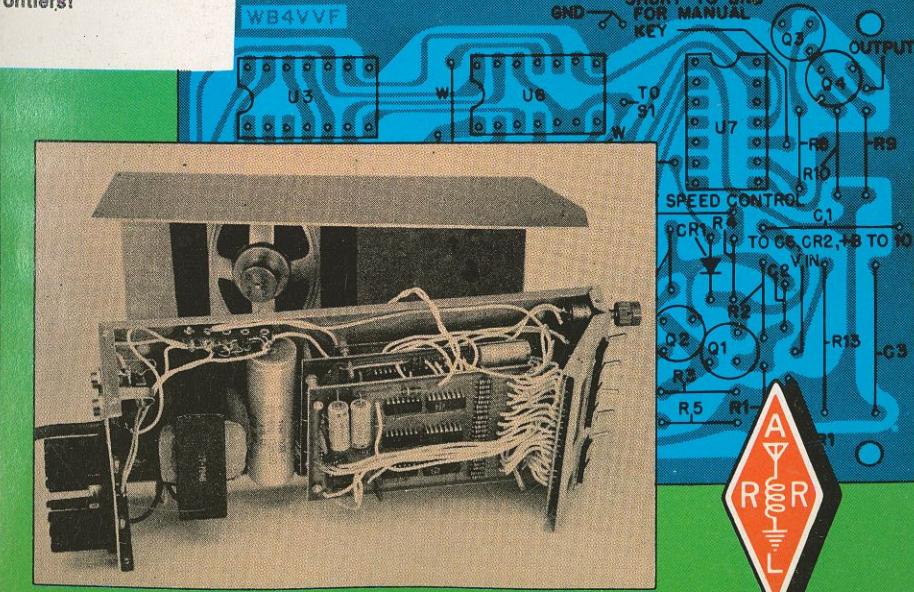
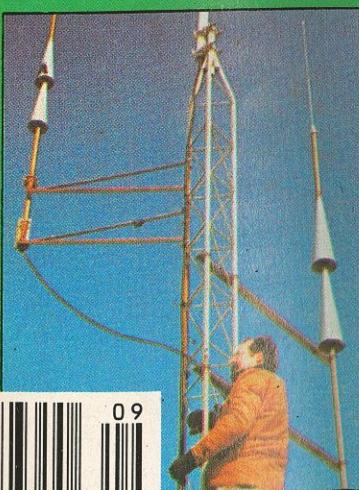
# devoted entirely to Amateur Radio



# WARC '79



# THE '70s



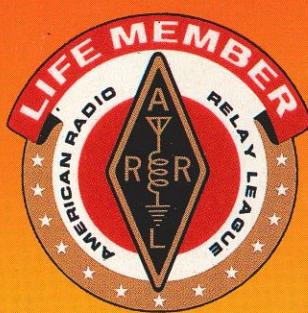
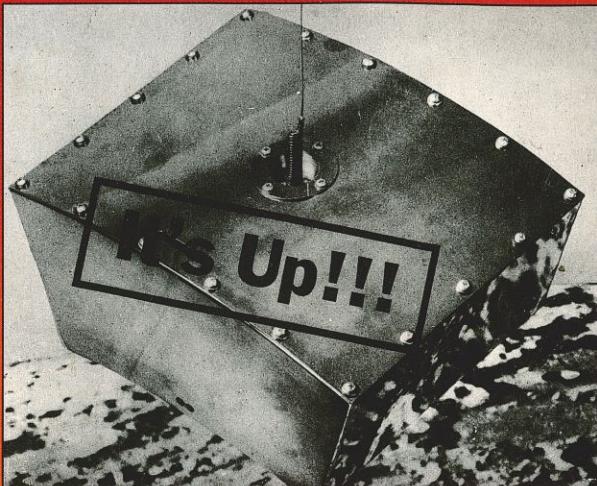
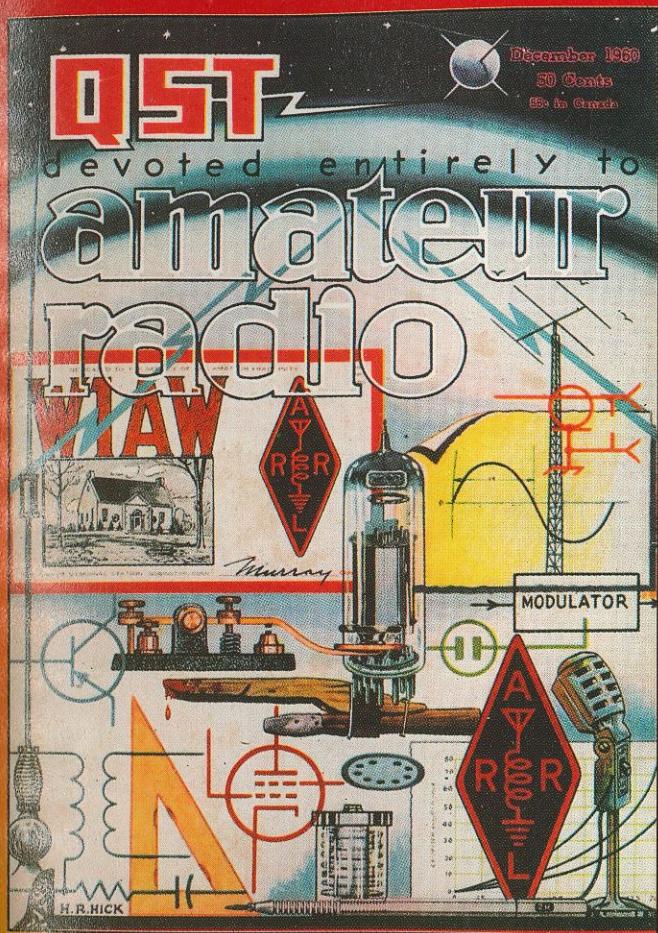
1920

# QST

August 1989 \$3.00



devoted entirely to Amateur Radio



50th Anniversary  
of the  
American  
Radio  
Relay  
League

COMMEMORATING  
AMATEUR  
RADIO  
OPERATORS  
OF AMERICA



HIRAM PERCY MAXIM  
CO-FOUNDER  
AND FIRST ARRL  
PRESIDENT



THE '60s



09261

08

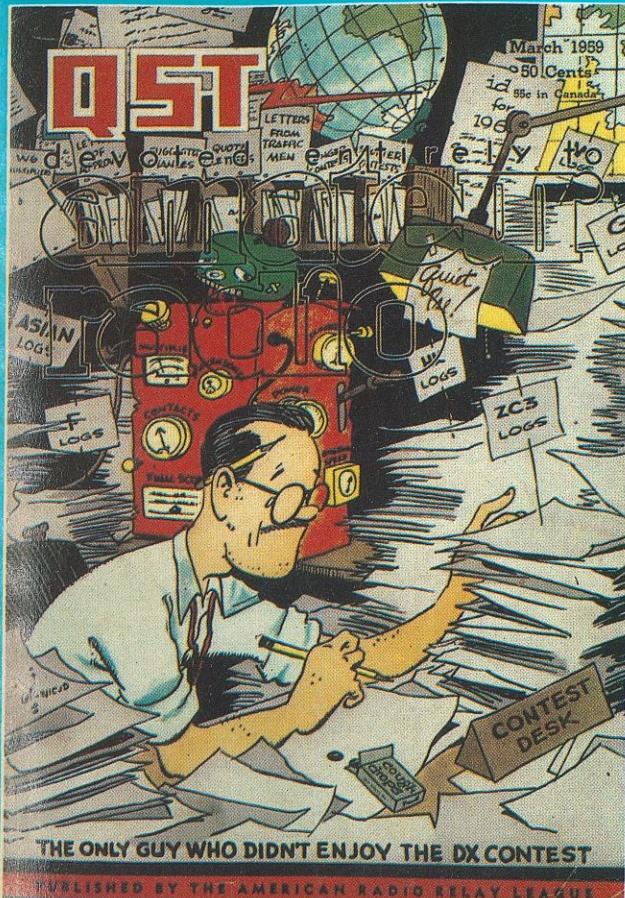


# QST

July 1989 \$3.00



devoted entirely to Amateur Radio



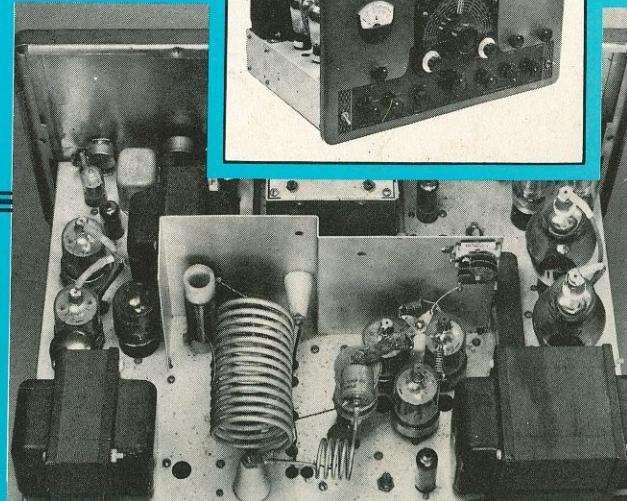
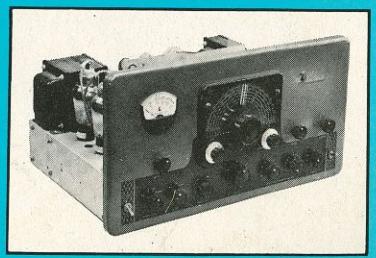
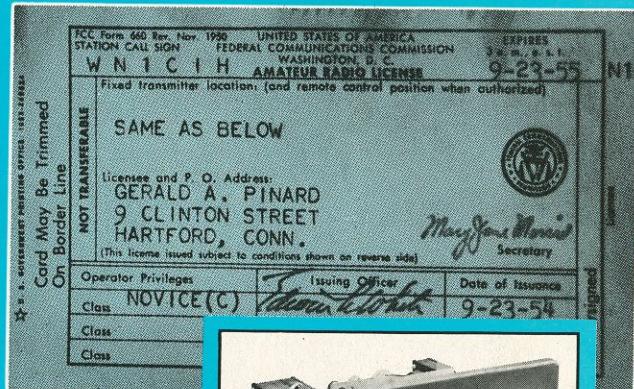
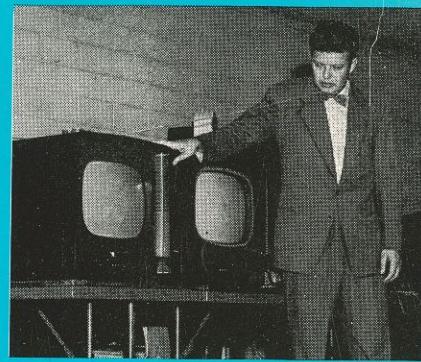
PUBLISHED BY THE AMERICAN RADIO RELAY LEAGUE

A NEW BAND EFFECTIVE  
MAY 1, 1952



21.0 21.1 21.2 21.3 21.4

THE  
'50s

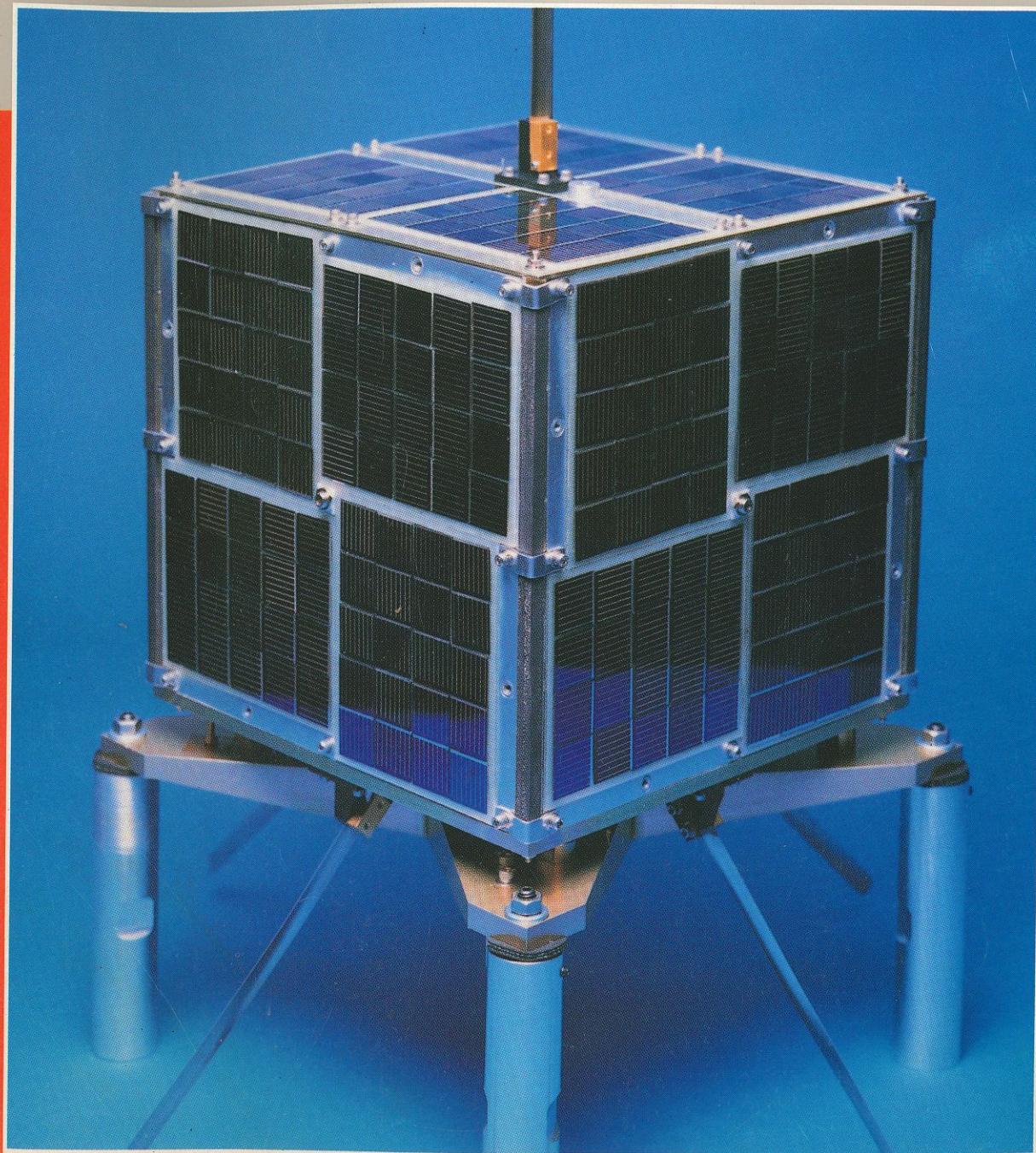


09261



June 1989 \$3.00

devoted entirely to Amateur Radio

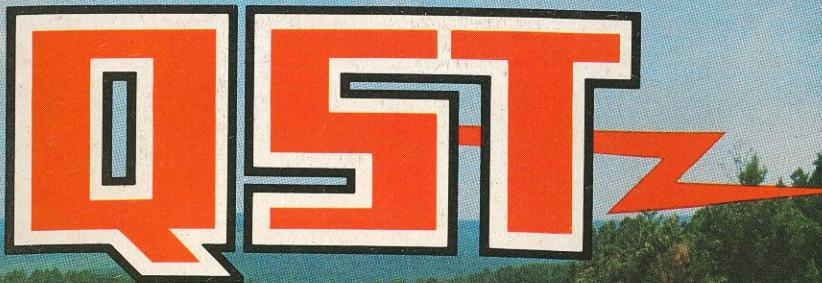


09261

06



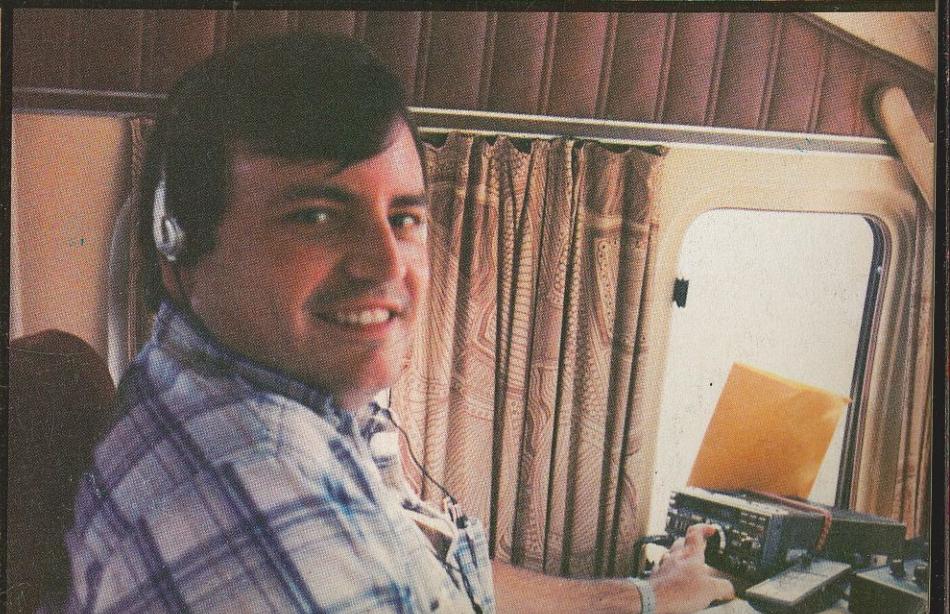
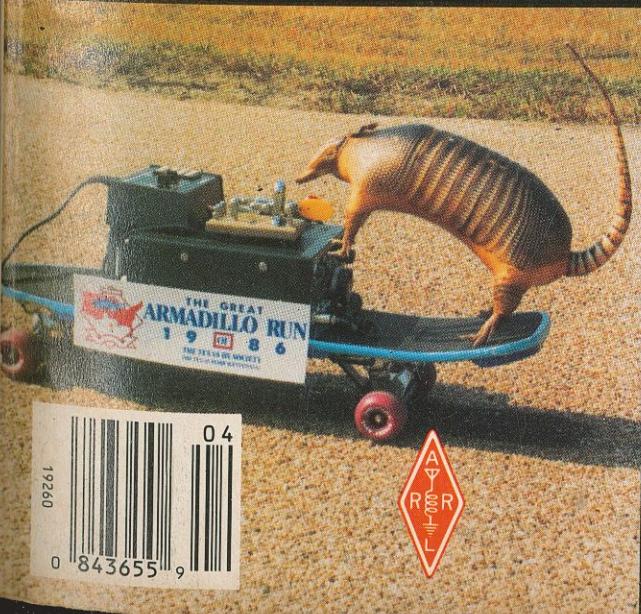
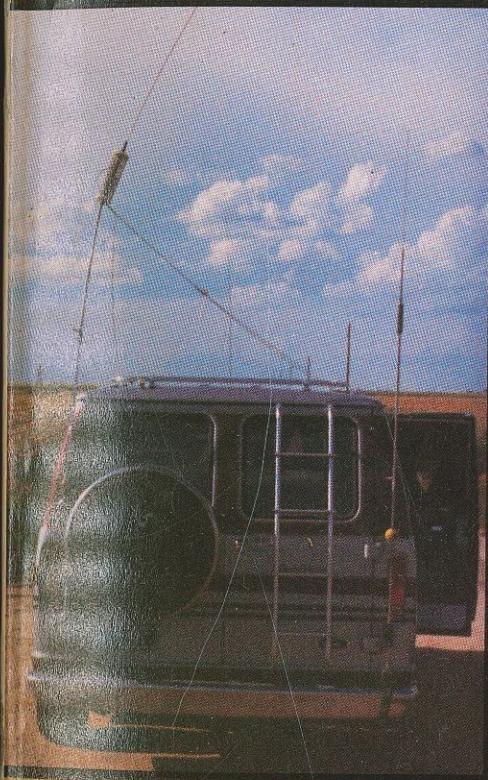
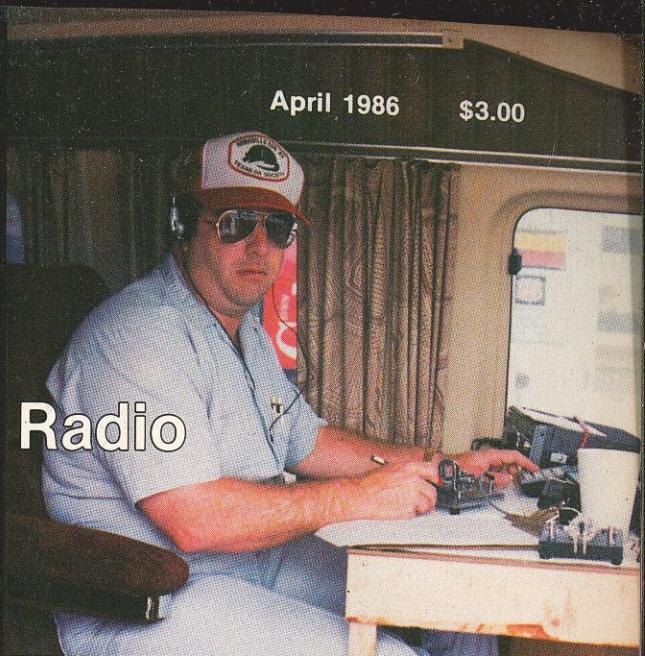
Microsat: AMSAT's Hi-Tech Wonders  
Prepare for Orbit



devoted entirely to Amateur Radio

April 1986

\$3.00



09261



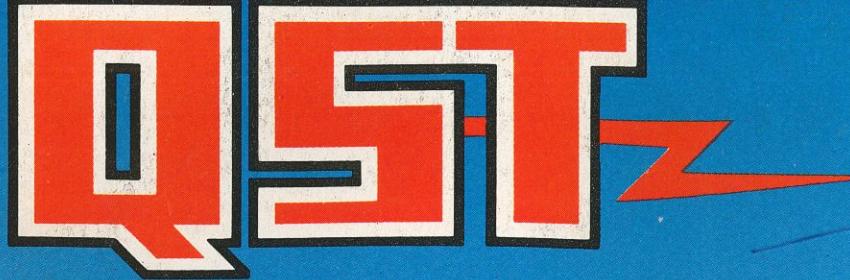
04

0 843655 9

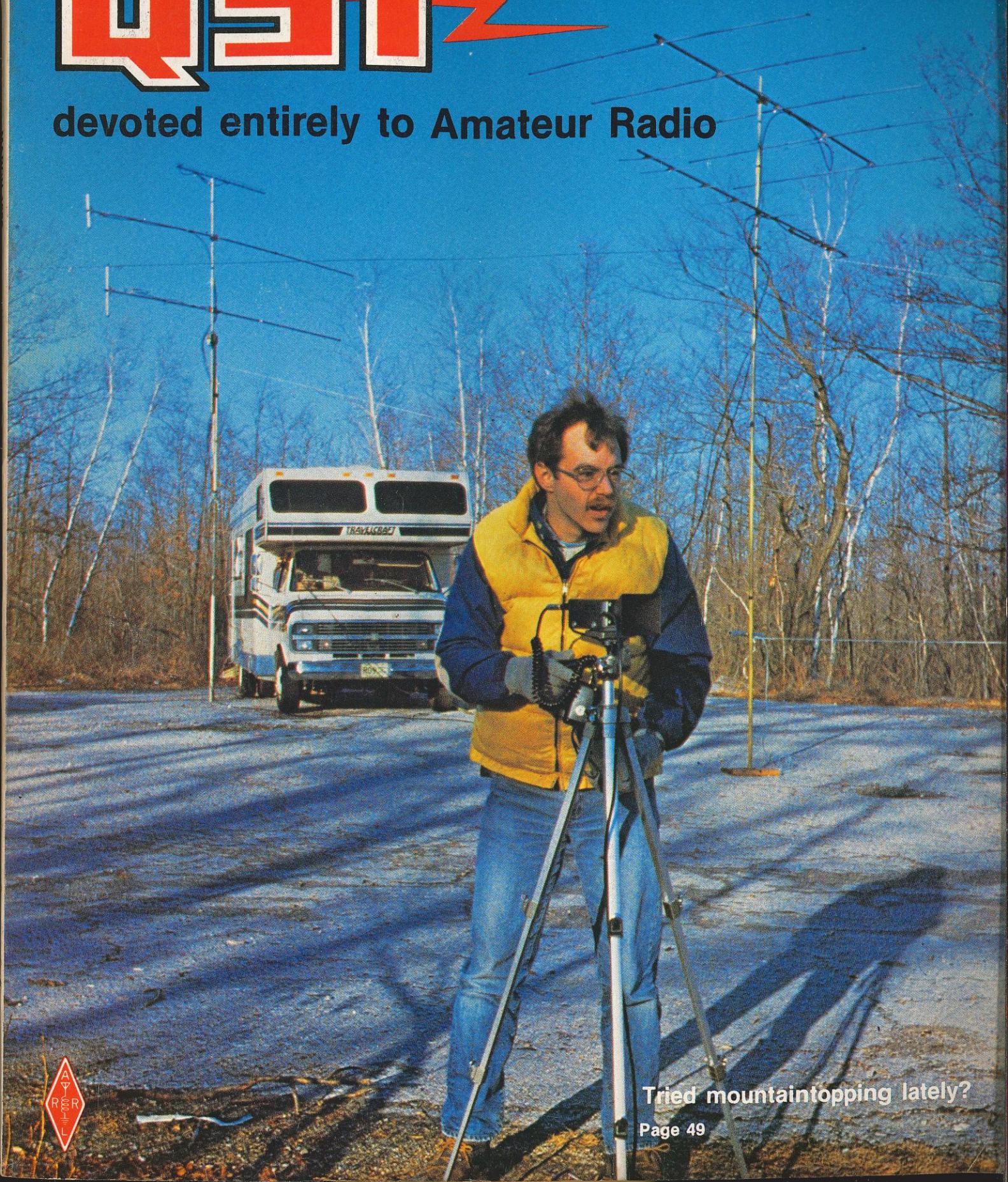


March 1986

\$2.75



devoted entirely to Amateur Radio



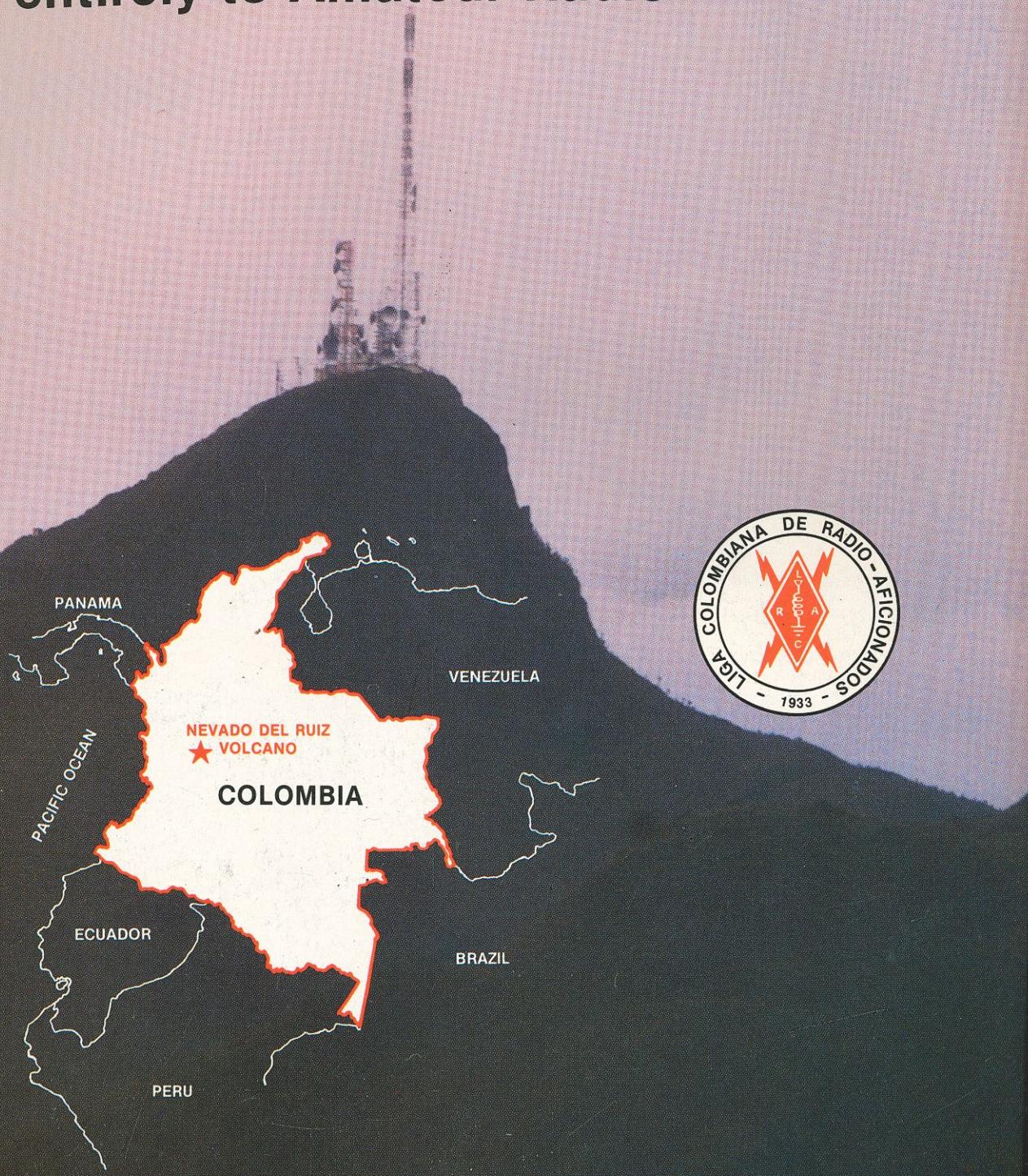
Tried mountaintopping lately?

Page 49



devoted entirely to Amateur Radio

February 1986 \$2.75

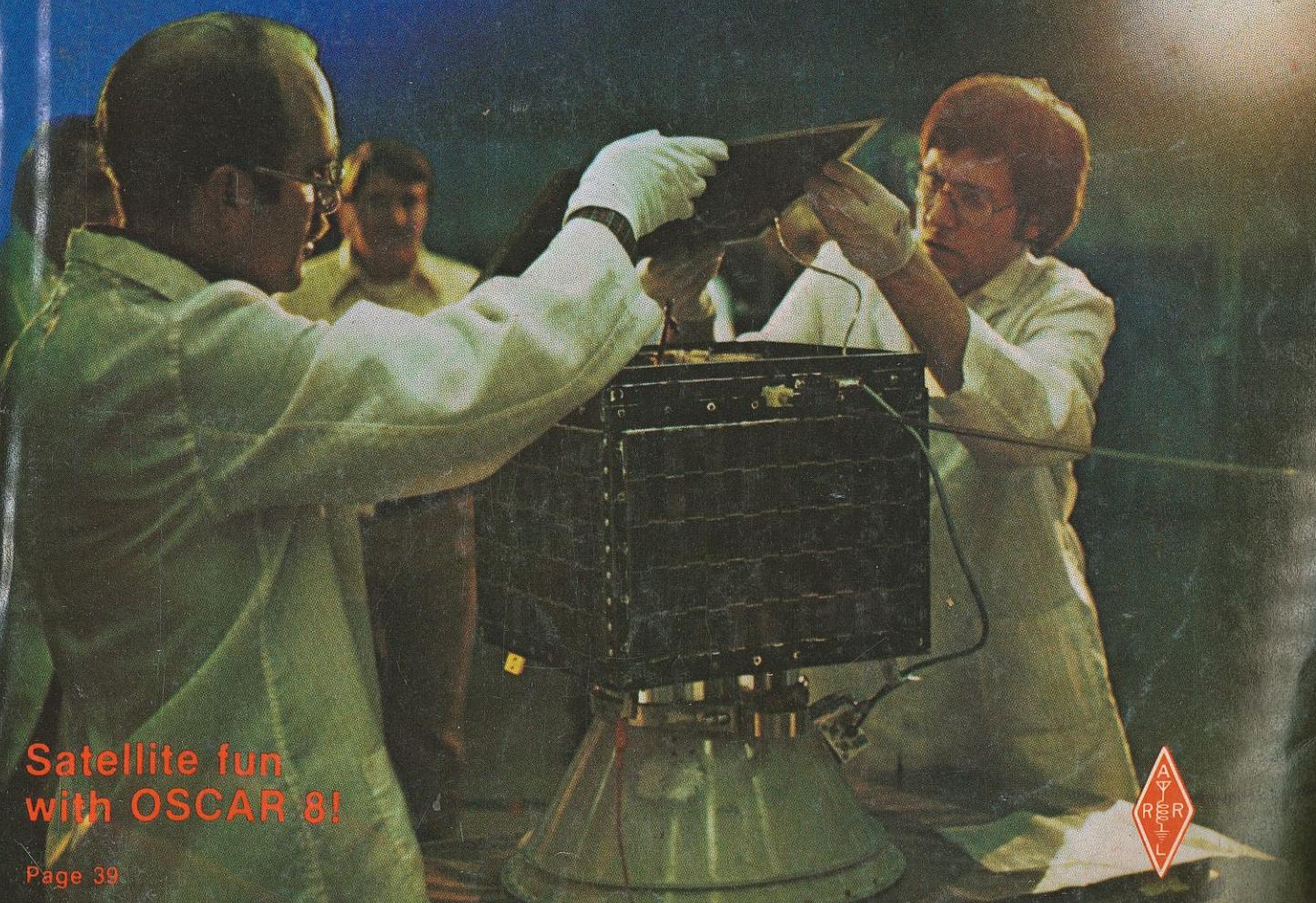


Amateurs come through  
—again—in wake of volcano disaster

# QST

devoted entirely to Amateur Radio

July 1978 \$2.00



**Satellite fun  
with OSCAR 8!**

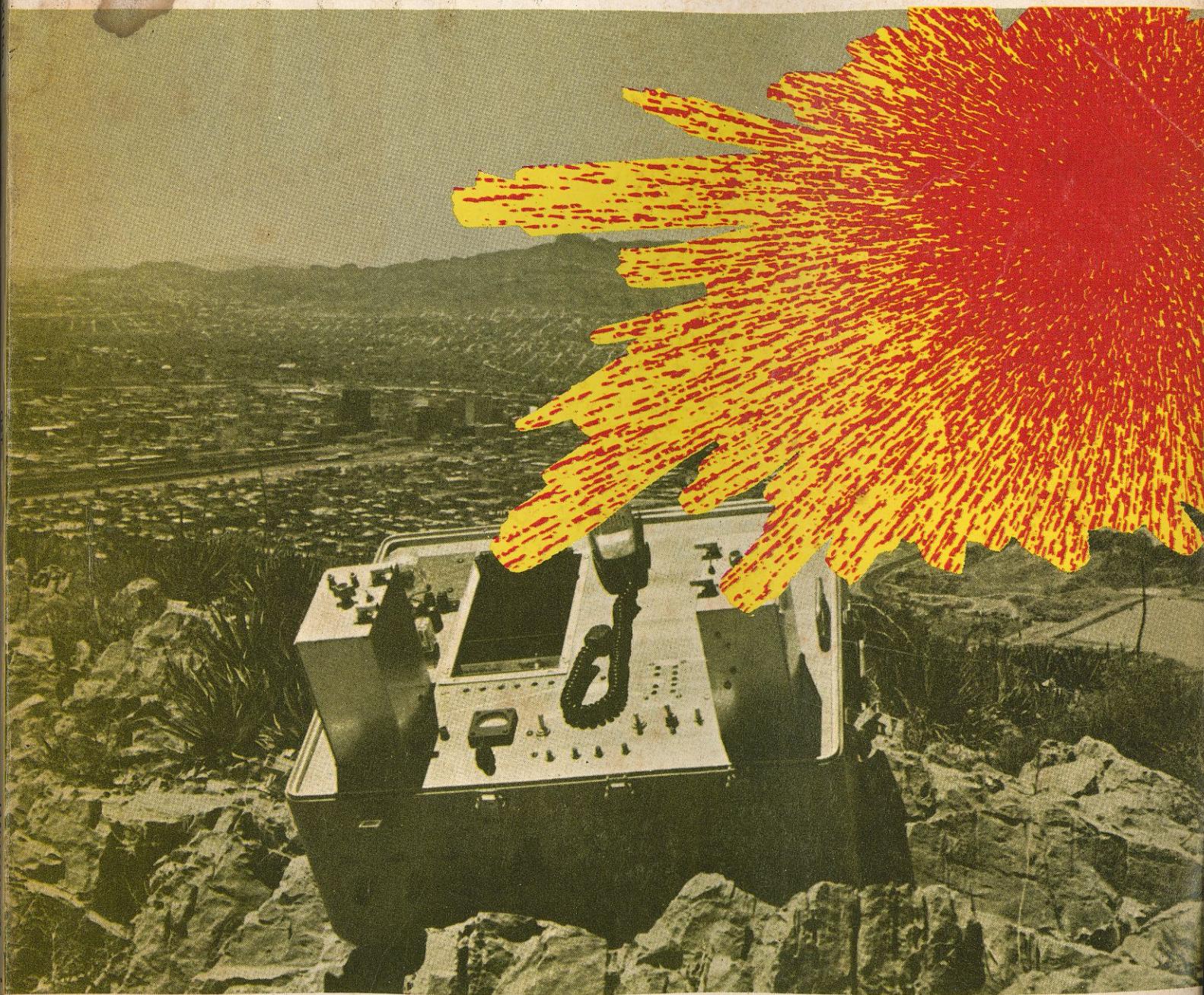
Page 39



# QST

devoted entirely to Amateur Radio

January 1978 \$2.00



**Energy from the sun  
powers El Paso repeater!**

July 1981 \$2.50



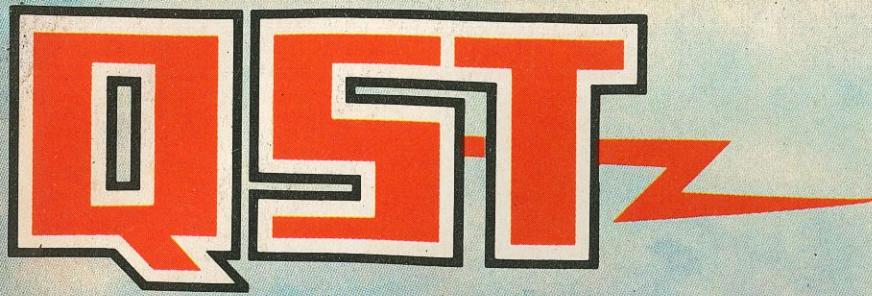
**devoted entirely to Amateur Radio**



**The Ups and Downs  
of Towers**

Page 35

February 1981 \$2.50



devoted entirely to Amateur Radio



# QST

devoted entirely to Amateur Radio

March 1978 \$2.00



What's behind those  
alluring numbers?



devoted entirely to Amateur Radio

April 1978 \$2.00



**A 20-meter receiver on a  
circuit board! You can  
build it.**

June 1990 \$3.00

# QST

devoted entirely to Amateur Radio



09294



0 843655 9

JIM MASSARAN/ZEST

# QST



September 1993 \$3.00

devoted entirely to Amateur Radio



**Five-Band  
Worked  
All States!**



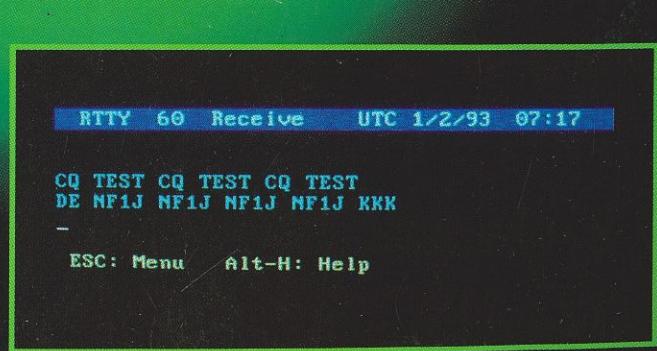
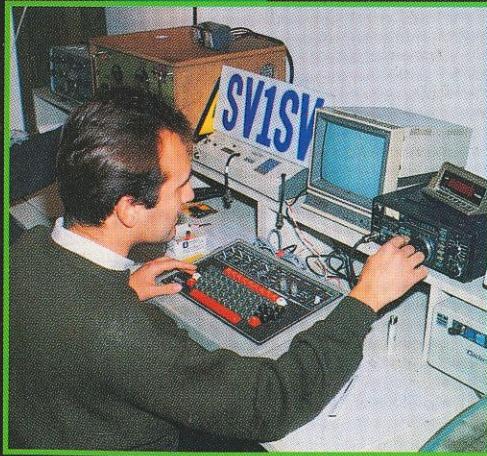


August 1993 \$3.00

devoted entirely to Amateur Radio



## RTTY Roundup!



02061



July 1993 \$3.00

devoted entirely to Amateur Radio

## 1993 National Convention

Huntsville, Alabama  
August 14-15



Blast off to Huntsville, "The Rocket City"

02961

07

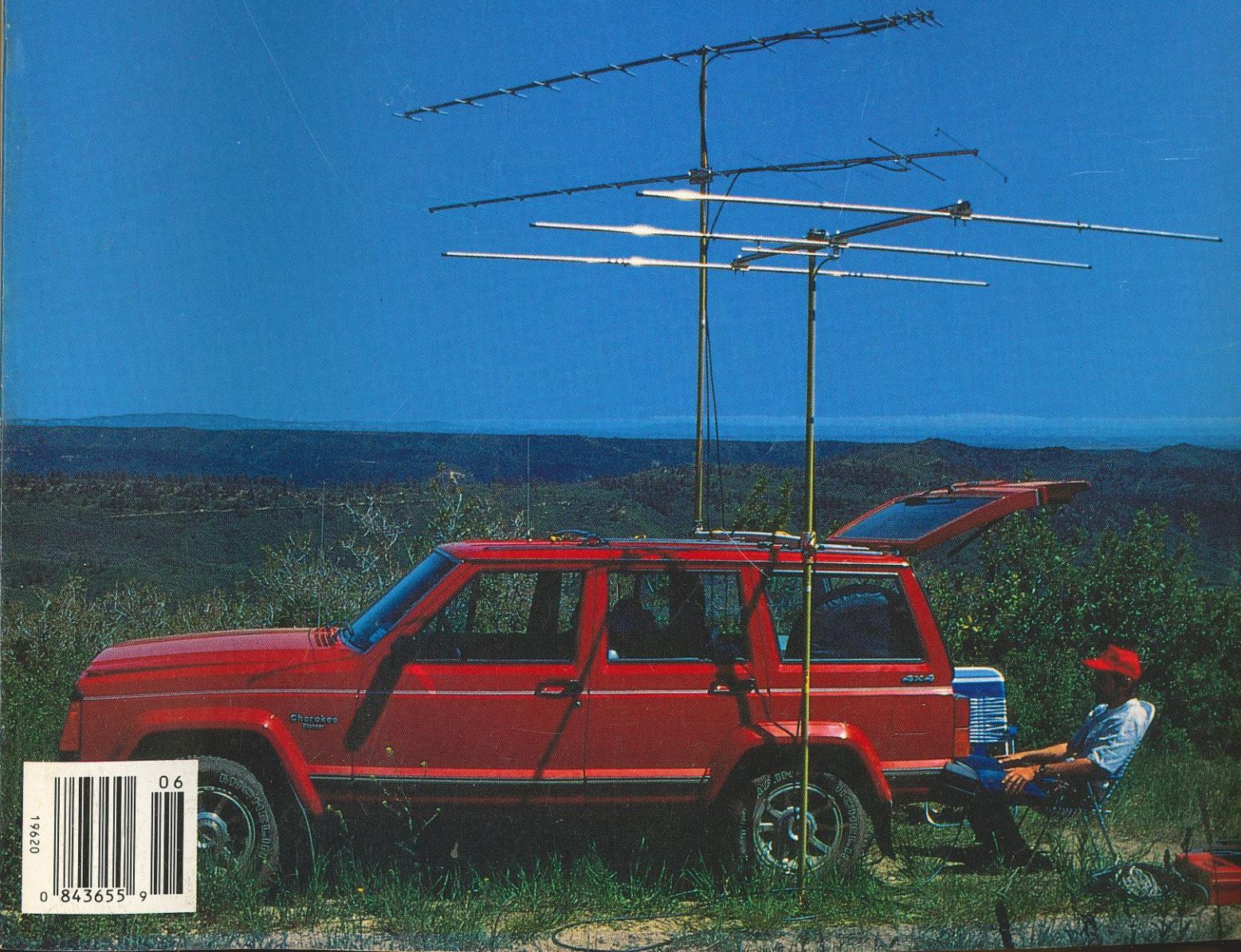




June 1993 \$3.00

devoted entirely to Amateur Radio

**Roving: VHF/UHF Contesting  
With A View**



02961

06



0 843655 9

# QST



May 1993 \$3.00

devoted entirely to Amateur Radio



# QST



September 1994

devoted entirely to Amateur Radio

**Automotive  
Interference  
Problems:  
How to get help  
from auto  
manufacturers.**



March 1988

\$3.00



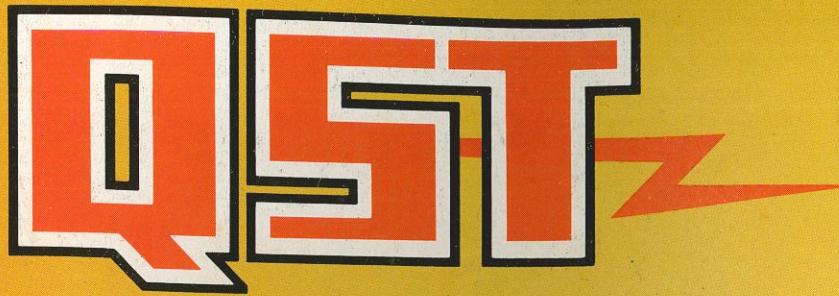
devoted entirely to Amateur Radio

Track the SKITREK team



09261

February 1988 \$3.00



**devoted entirely to Amateur Radio**



**Two ICs, two bands and easy listening!**

09261



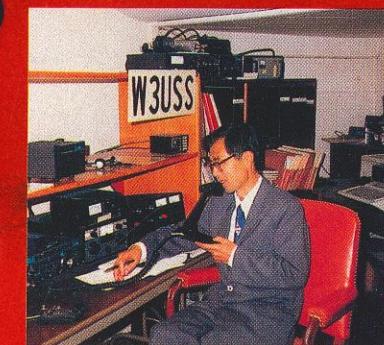
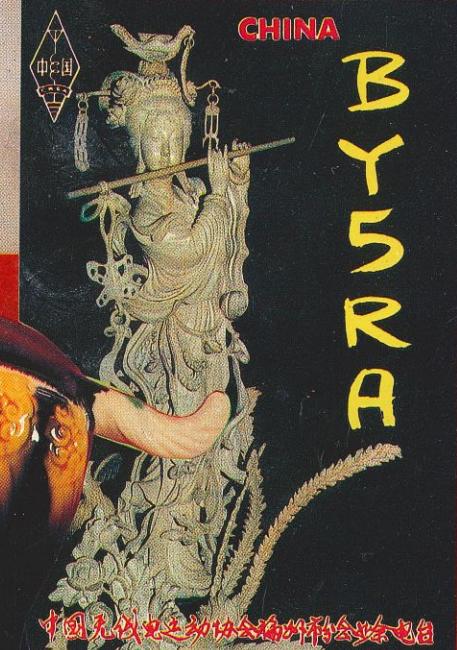
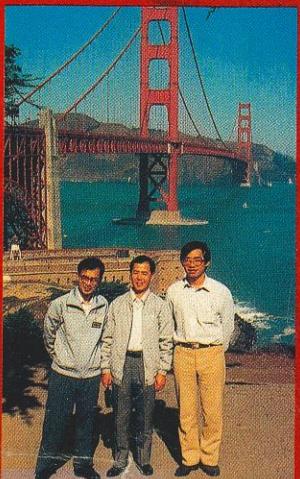
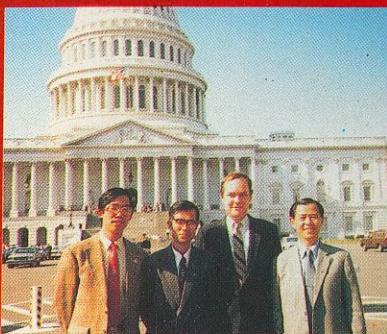
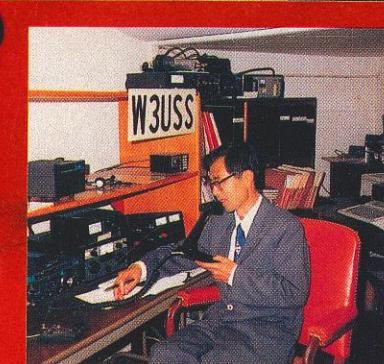
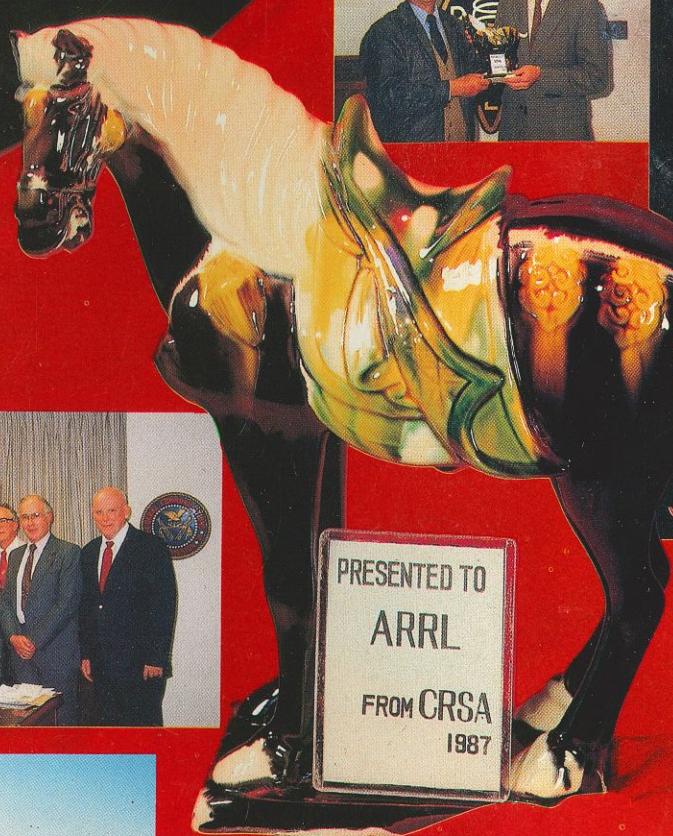
January 1988 \$3.00



devoted entirely to Amateur Radio



1987



09261

Chinese hams visit the US!  
Page 50



December 1987 \$3.00



devoted entirely to Amateur Radio



Happy holidays to all!



12

09261



November 1987 \$3.00



devoted entirely to Amateur Radio

ARRL's great fall lineup!



19260  
11  
0 843655 9



October 1987 \$3.00

devoted entirely to Amateur Radio

*"We the People"  
WAS*

In recognition of the participation by the Amateur Radio Service in the celebration of the Bicentennial of the United States Constitution:

Has submitted log extract testimony to the American Radio Relay League of having established two-way Amateur Radio communication

With Amateur Radio stations in each of the fifty states of the United States of America

During the period September 17, 1987, through December 31, 1988.

*Larry E. Price W4RA*  
President, ARRL

Date



10



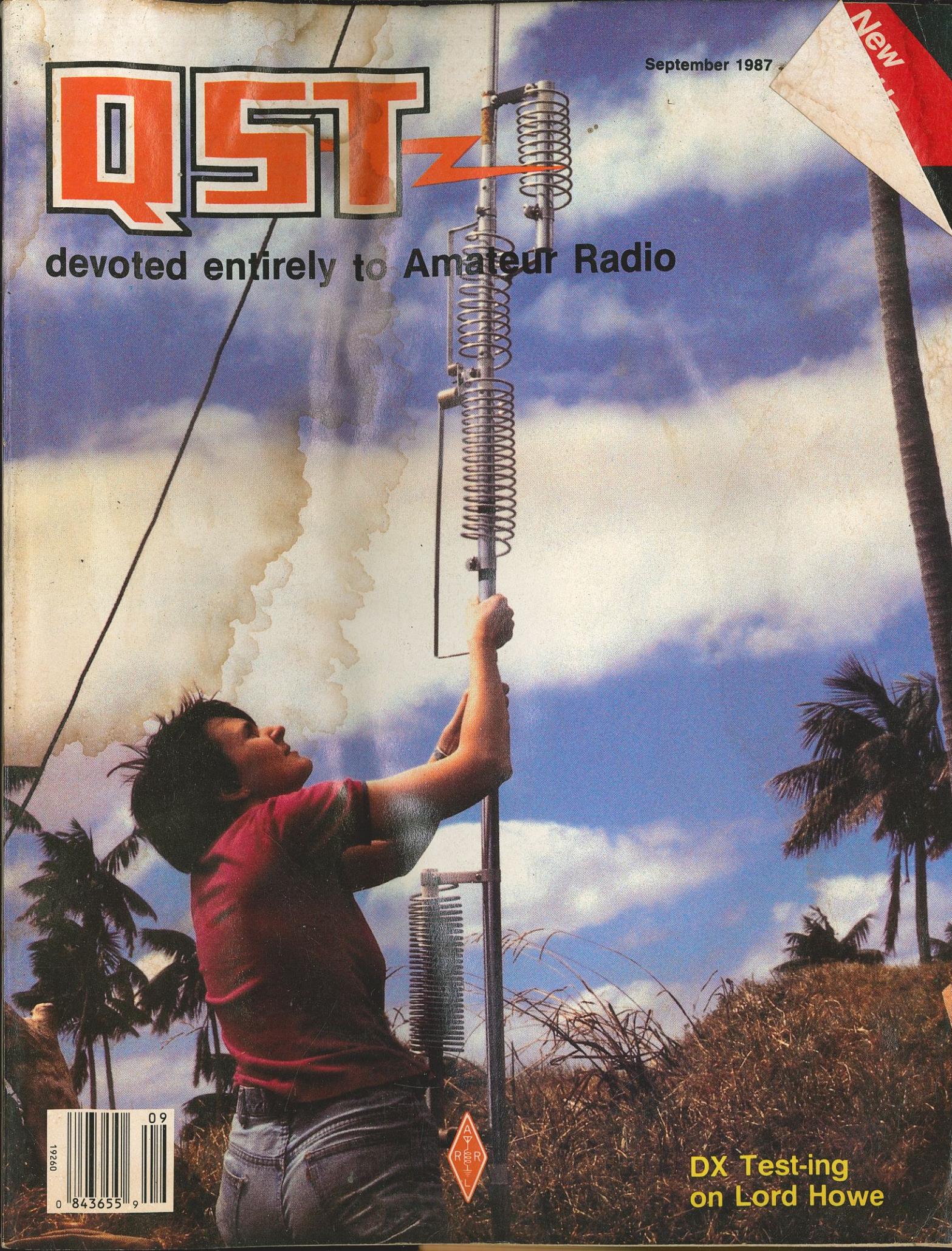
Need wallpaper?

# QST

devoted entirely to Amateur Radio

September 1987

New



09261

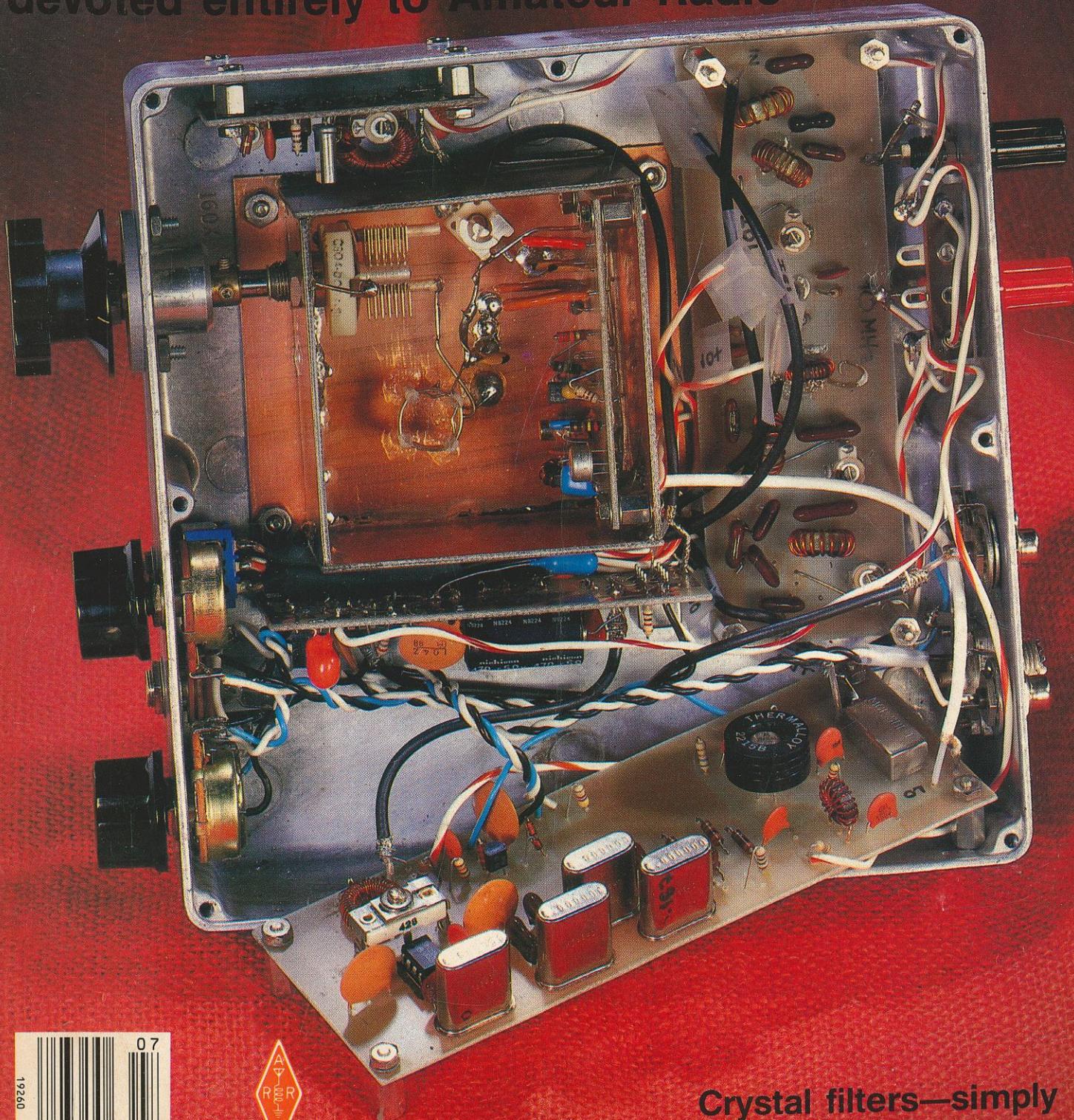


**DX Test-ing  
on Lord Howe**

July 1987 \$3.00



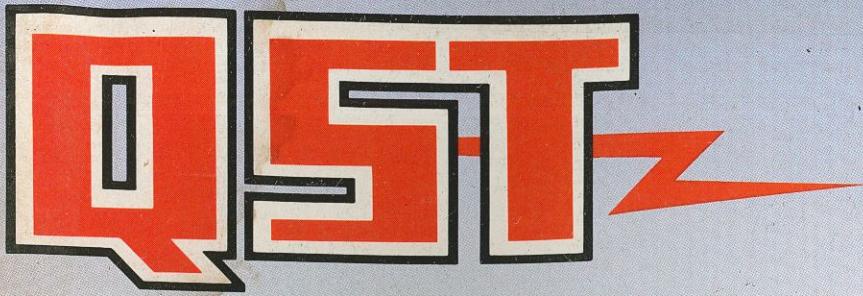
devoted entirely to Amateur Radio



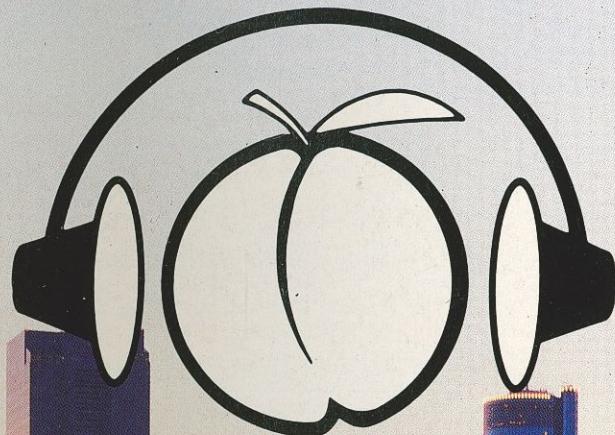
Crystal filters—simply

Page 24

June 1987 \$3.00



devoted entirely to Amateur Radio



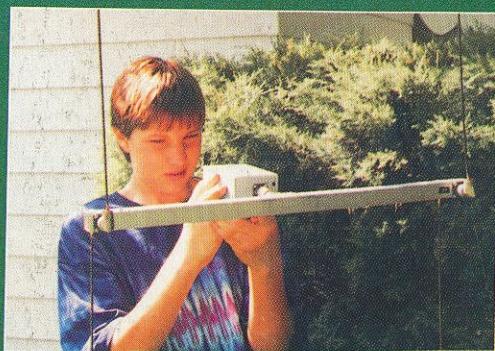
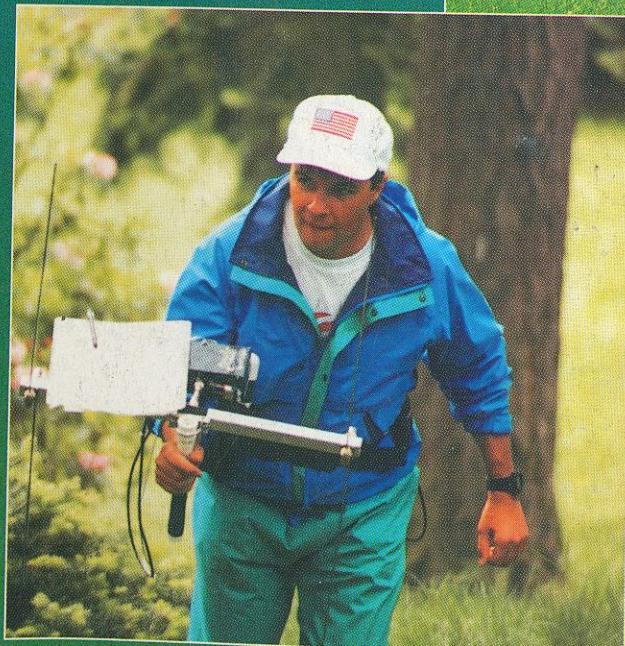
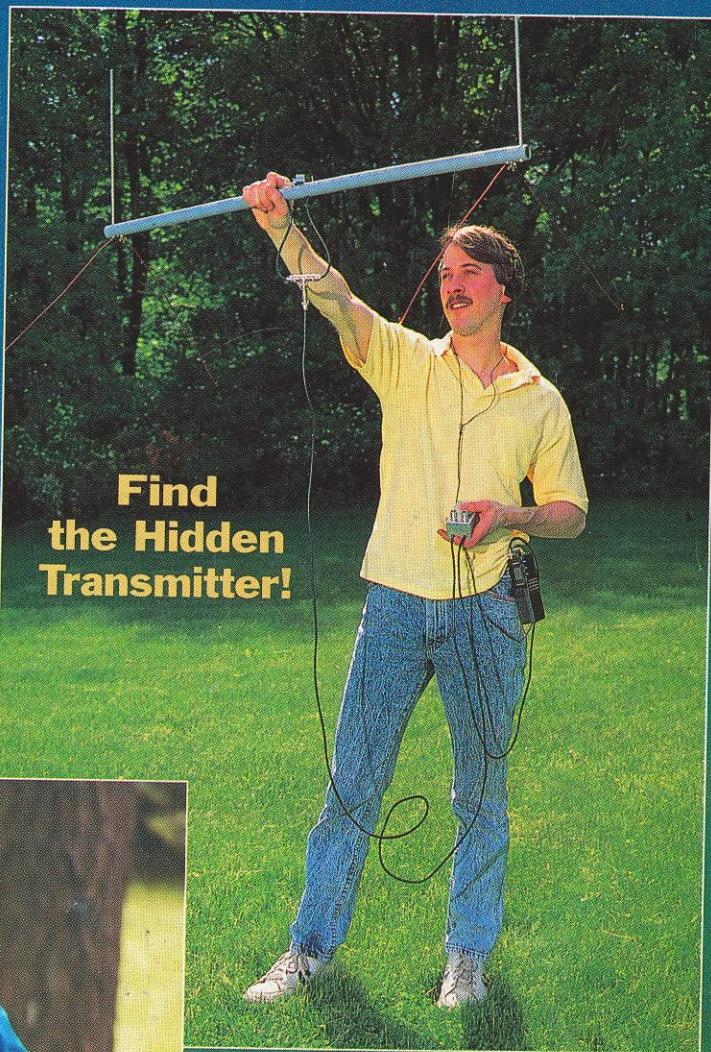
ARRL National Convention  
July 10-12, 1987 · Atlanta

# QST



April 1993 \$3.00

devoted entirely to Amateur Radio





devoted entirely to Amateur Radio

MIC GAIN RF PWR

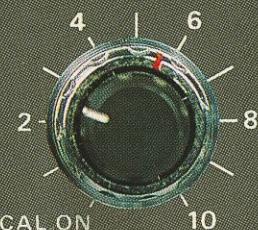


## RF POWER

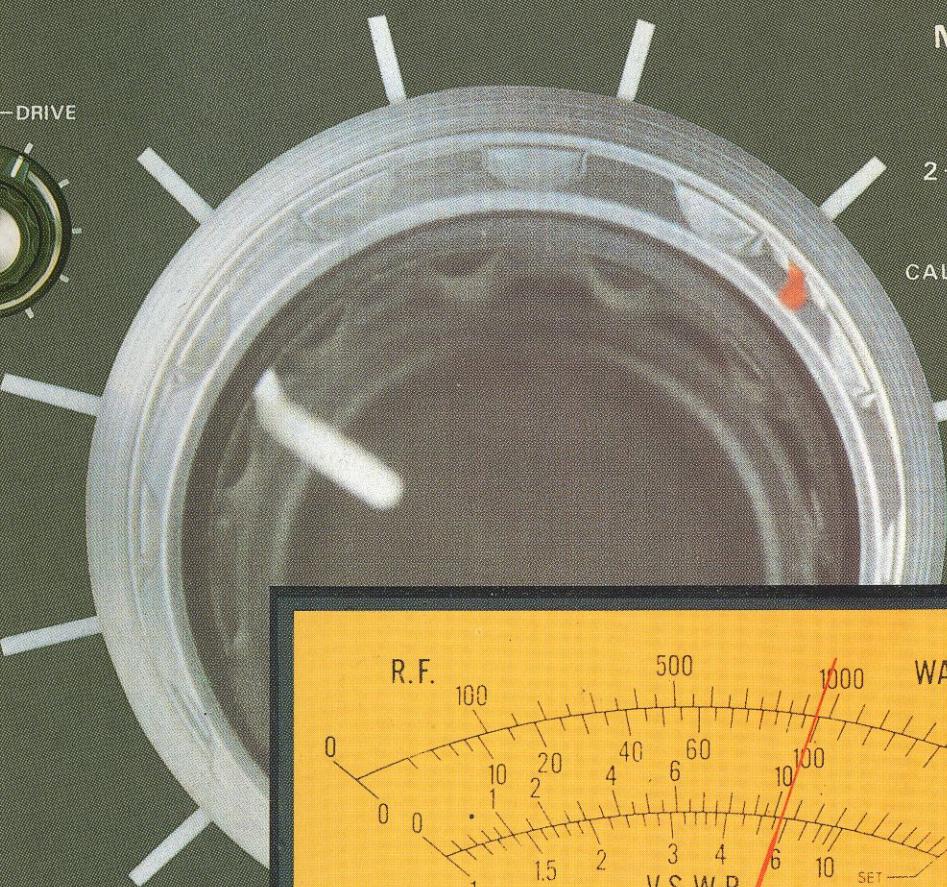
MIC GAIN DRIVE



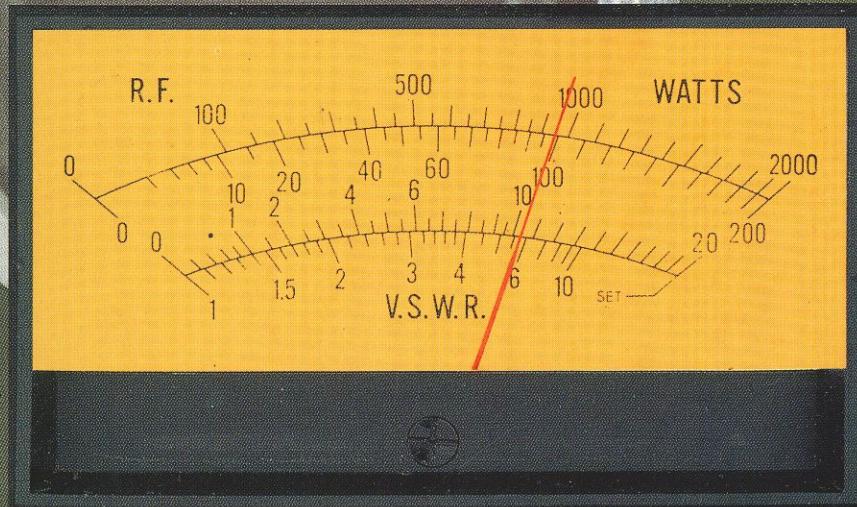
MIC CAR



CAL ON



MIC RF PWR



**How Much is Enough?**



19620

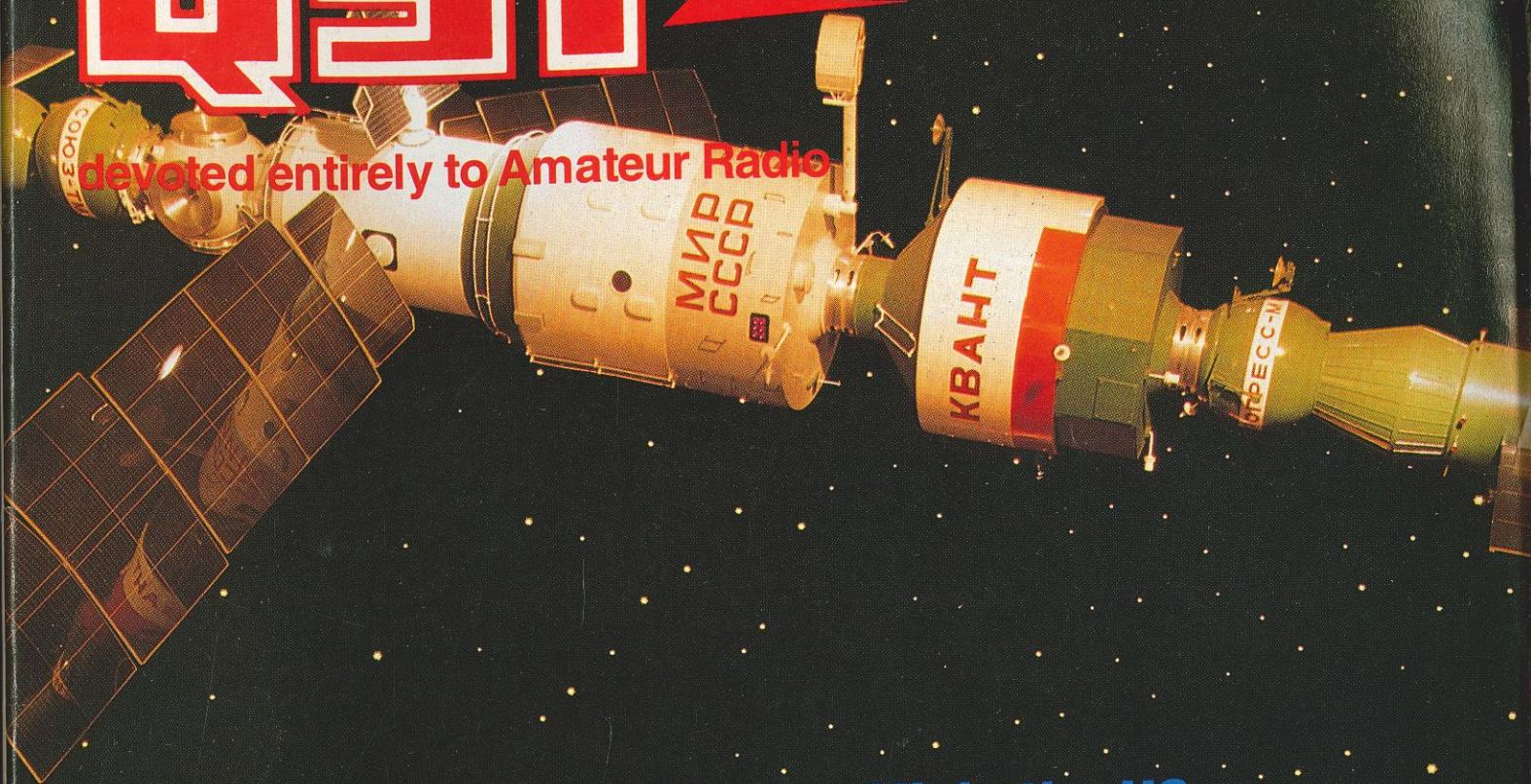
0 843655 9

# QST



February 1993 \$3.00

devoted entirely to Amateur Radio



Soviet Space: *Mir* in the US

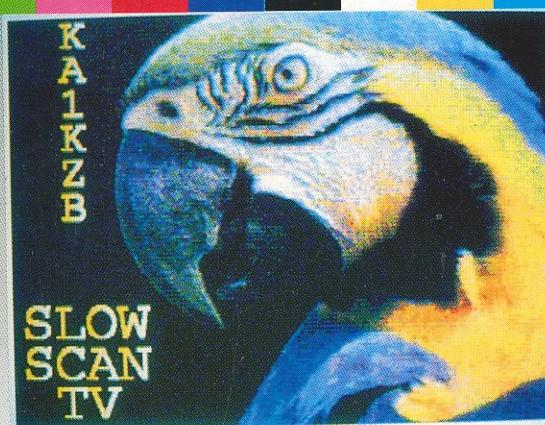


# QST



January 1993 \$3.00

devoted entirely to Amateur Radio



**Picture this: Color SSTV!**

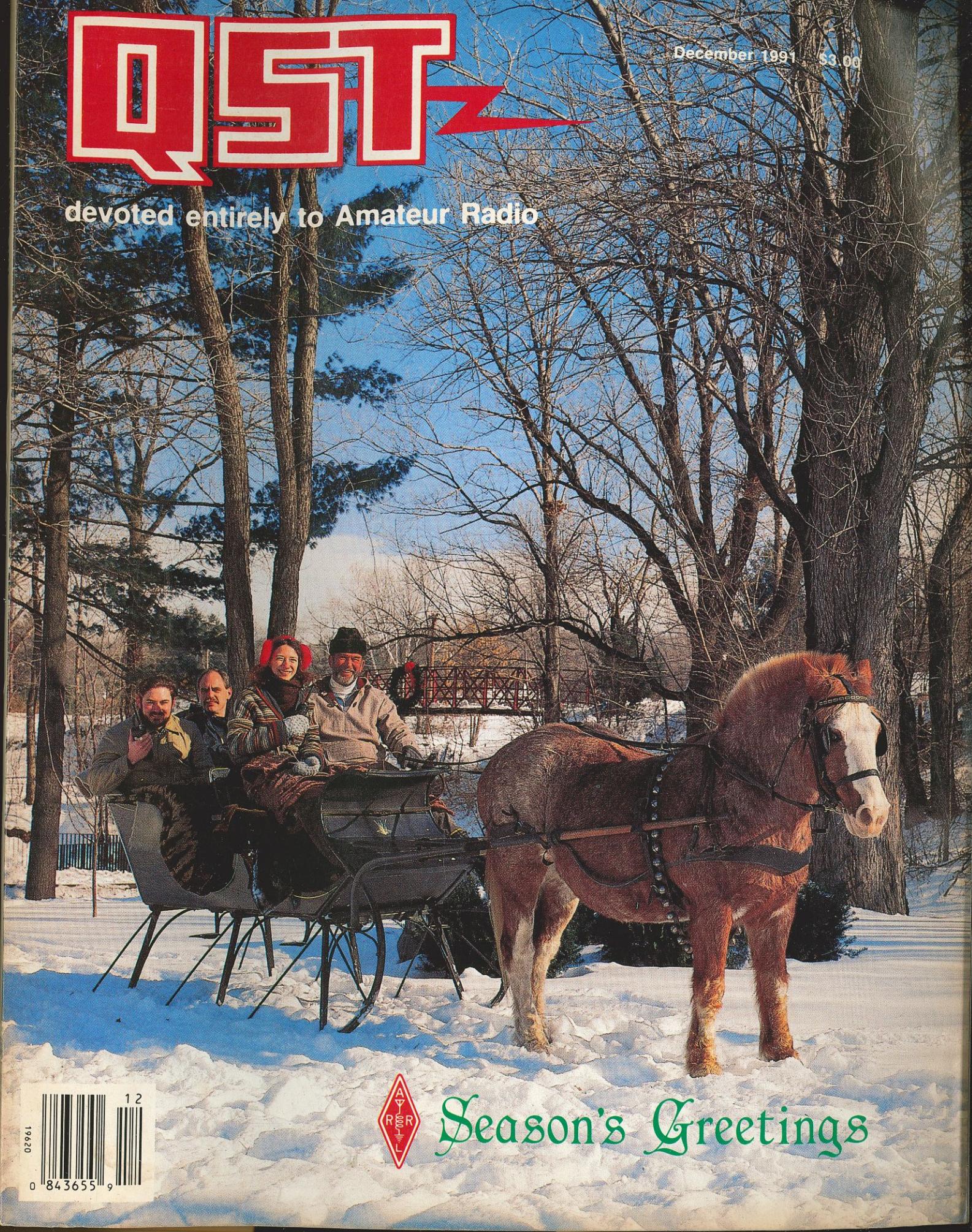
02961



# QST

devoted entirely to Amateur Radio

December 1991 \$3.00



02961



0 843655 9

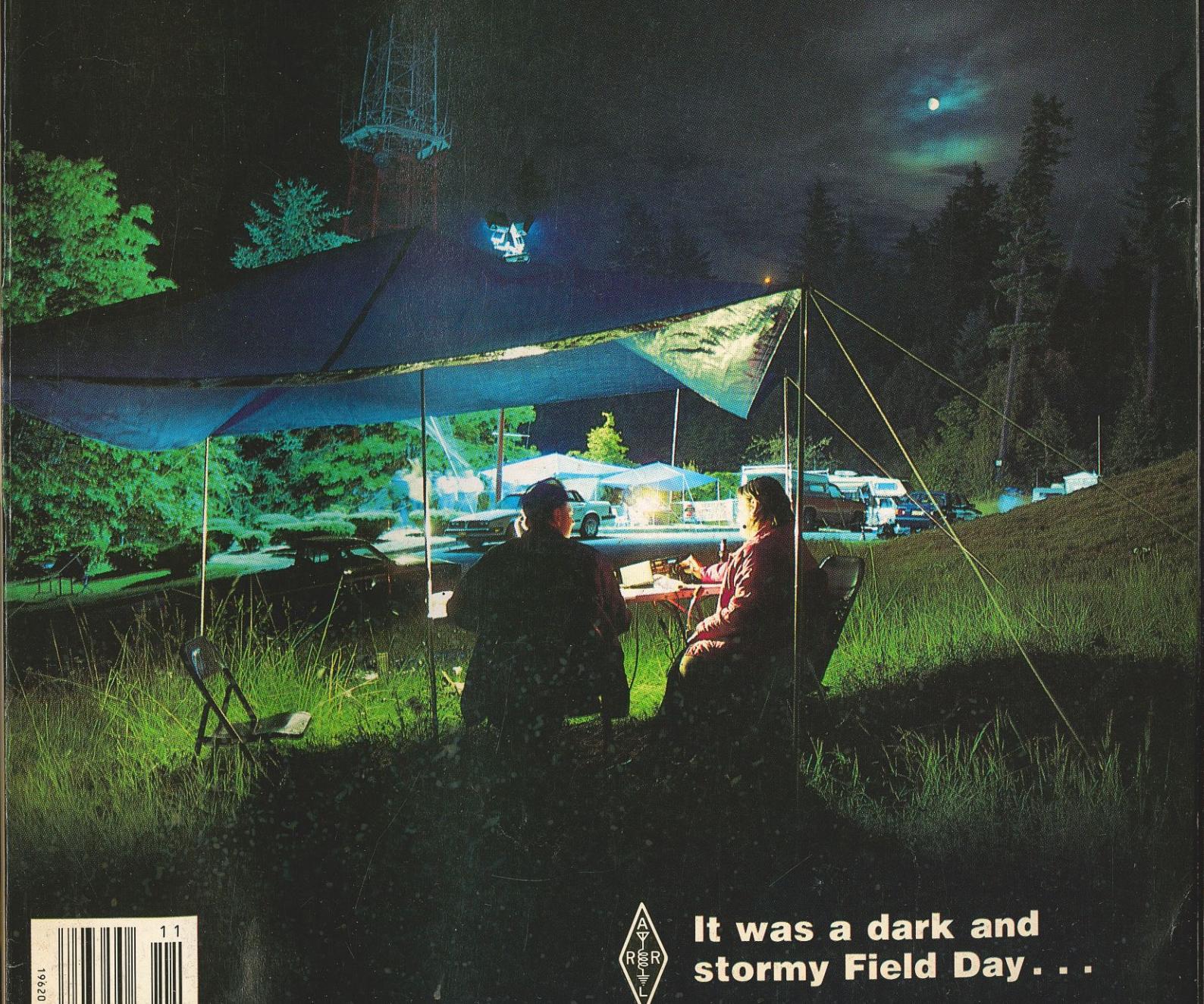


Season's Greetings

# QST

November 1991 \$3.00

devoted entirely to Amateur Radio



**It was a dark and  
stormy Field Day . . .**

11  
02960  
  
0 843655 9



# QST

devoted entirely to  
**AMATEUR RADIO**

June 1995

Official Journal of  
The American Radio  
Relay League

**Explore Amateur Radio  
on the World Wide Web**

**FIVE PROJECTS**  
*you can build at home*

**Field Day**  
**June 24-25**

**QST** reviews:  
**Kenwood TM-255A**  
**2-meter all-mode**  
**Force 12 C-3 Tribander**

\$4.95 U.S.

006016220 06 9706 M4ALL  
\*\*\*\*\*5-DIGIT 33013  
ABV  
GEORGE A KING  
2061 E 8TH AVE  
THALEAH  
FL 33013-4201

**New Ham  
Companion:**

**15 pages of  
practical  
information  
for all hams**

0 71896 47322 3



# QST

devoted entirely to  
AMATEUR RADIO

May 1995

Official Journal of  
The American Radio  
Relay League

## Exclusive test results: "9600-Ready" Radios: Ready or Not?

**QST** reviews: Azden  
PCS-9600D 440-MHz  
data/voice transceiver;  
Autek RF Analyst;  
MFJ-432 voice keyer

## New Ham Companion:

13 pages of  
practical  
information  
for all hams

### Plus...

- Build a digital VFO
- Logging software roundup
- ARRL November Sweepstakes results...and more!

**AMSAT  
Phase 3D  
satellite  
countdown  
continues**

\$4  
\$5  
HIALEAH  
2061 E 8TH AVE  
GEORGE A KING  
006016220 05 9706 M4A1L  
\*\*\*\*\*5-DIGIT 33013  
ACM



0 71896 47322 3

# QST



August 1994

devoted entirely to Amateur Radio

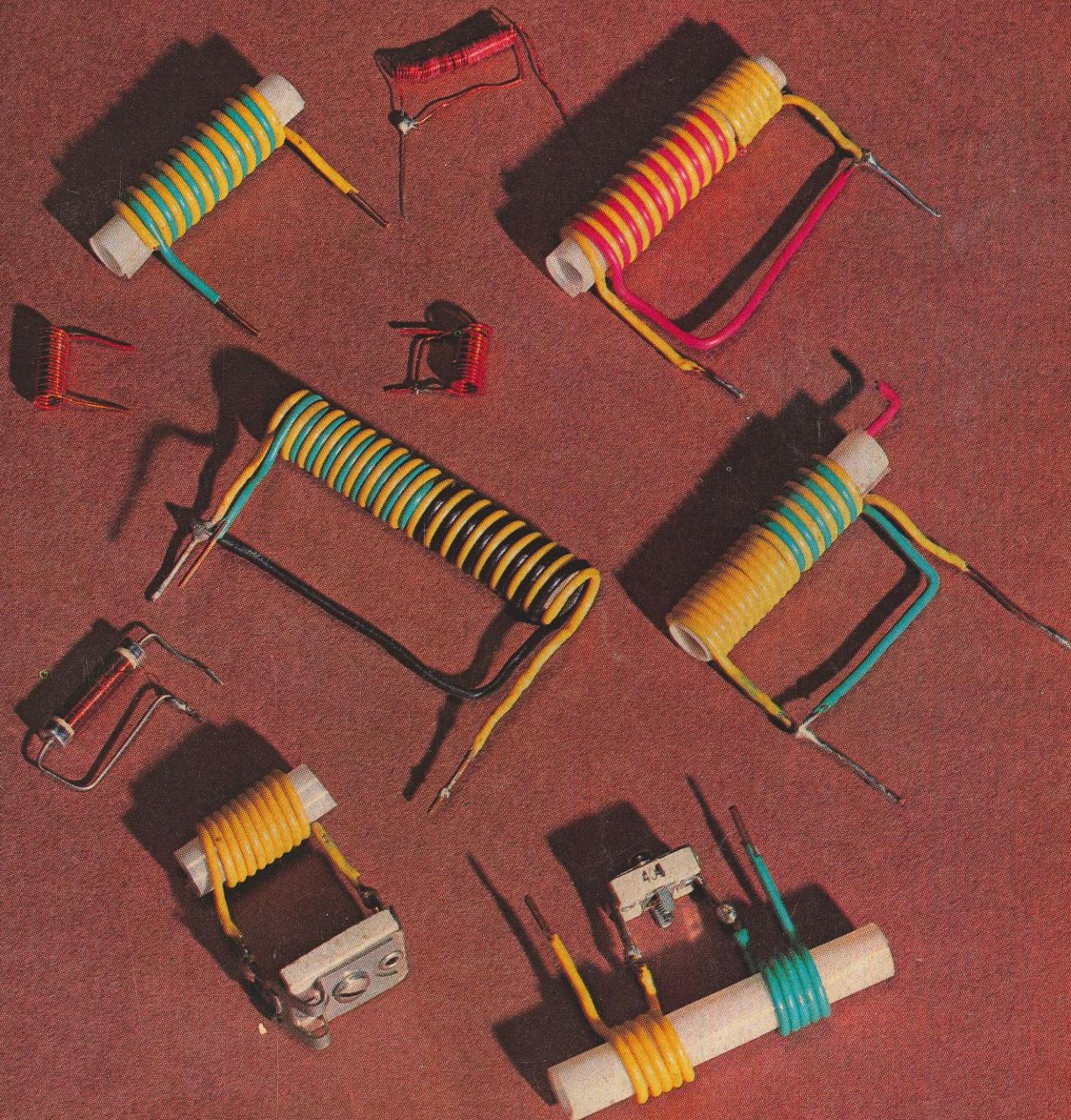


**Forward to the Past:**  
Restoring Vintage Radios  
With a Passion!

February 1979 \$2.00



devoted entirely to Amateur Radio



INCONs — filter parts  
for pennies





# QST

devoted entirely to  
**AMATEUR RADIO**

December 1995

Official Journal of  
The American Radio  
Relay League

## **QST reviews:**

**Alinco DX-70T HF mobile radio**

**Morse code trainers**

**Build two  
effective wire  
antennas**

**VHF  
contest  
roving**

**New Ham  
Companion:**  
**14 pages of  
practical  
information  
for all hams**

\$4.95 U.S.  
\$5.95 Can

306016220 12 9706 W4ALL  
\*\*\*\*\*5-DIGIT 3301  
ACB  
HIALEAH FL 33013-4201  
2061 E 8TH AVE  
GEORGE A KING

7189647322 3 0

*Season's  
Greetings*



# QST

devoted entirely to

## AMATEUR RADIO

November 1995

Official Journal of  
The American Radio  
Relay League

### QST compares 8 dual-band FM mobiles

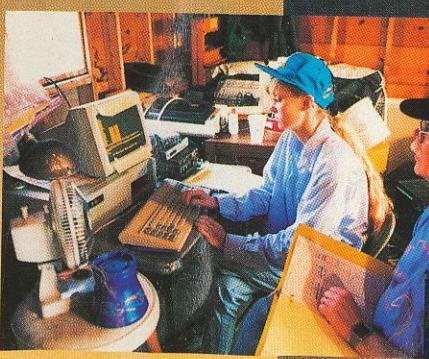
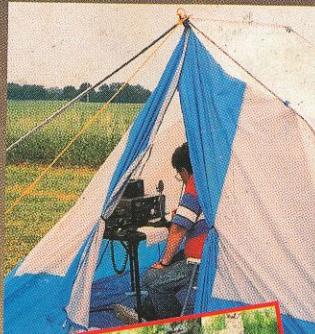
#### Build something for your station:

- compact 20-meter QRP transceiver
- simple direction-finding system
- broadband 160-10 meter antenna
- microphone switchbox

Plus...

- Travel to Syria with the YK0A team
- How to succeed in Sweepstakes with low-profile antennas

...and more!

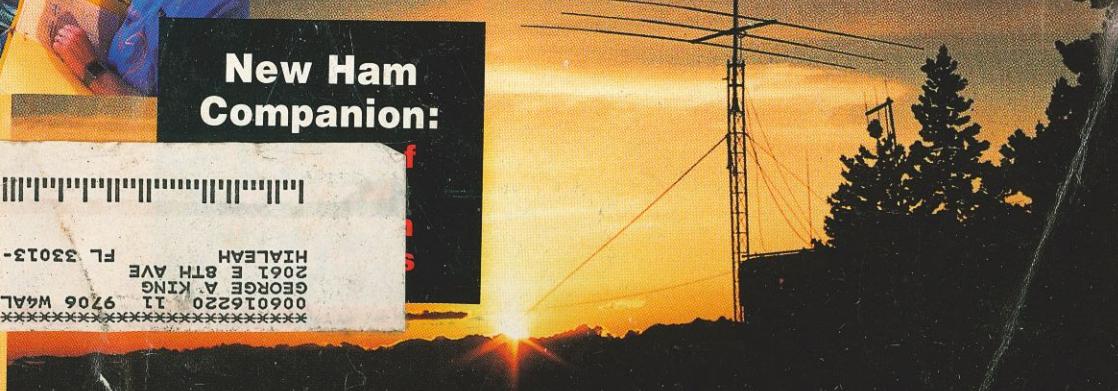


### Field Day Results

New Ham  
Companion:

\$4.95 U.S.  
\$5.95 Cdn

006016220 11 9706 W4AHL  
\*\*\*\*\*5-DIGIT 33013  
ACP  
GEORGE A. KING  
2061 E 8TH AVE  
HIALAHA





# QST

devoted entirely to

# AMATEUR RADIO

October 1995

# Comparison reviews: GPS-compatible TNCs and Antenna Modeling Software

## **Bosnian Hams Cope with the War**

## ANTENNAS:

- A trapless multiband HF vertical
- A simple, remotely switched loading network

# Ham Radio at the 1995 Special Olympics

# 1995 ARRL DX Contest Results

**\$4.95 U.S.**

**Official Journal of  
The American Radio  
Relay League**

## New Ham Companion:

**13 pages of  
practical  
information  
for all hams**



The logo for QST magazine, featuring the letters Q, S, T in a bold, red, blocky font. The 'S' is stylized with a blue horizontal bar and a red diagonal bar. The 'T' has a red diagonal bar. Below the letters, the word 'devoted' is written in a smaller, black, sans-serif font.

**devoted entirely to**

**Official Journal of  
The American Radio  
Relay League**

September 1995

# AMATEUR RADIO

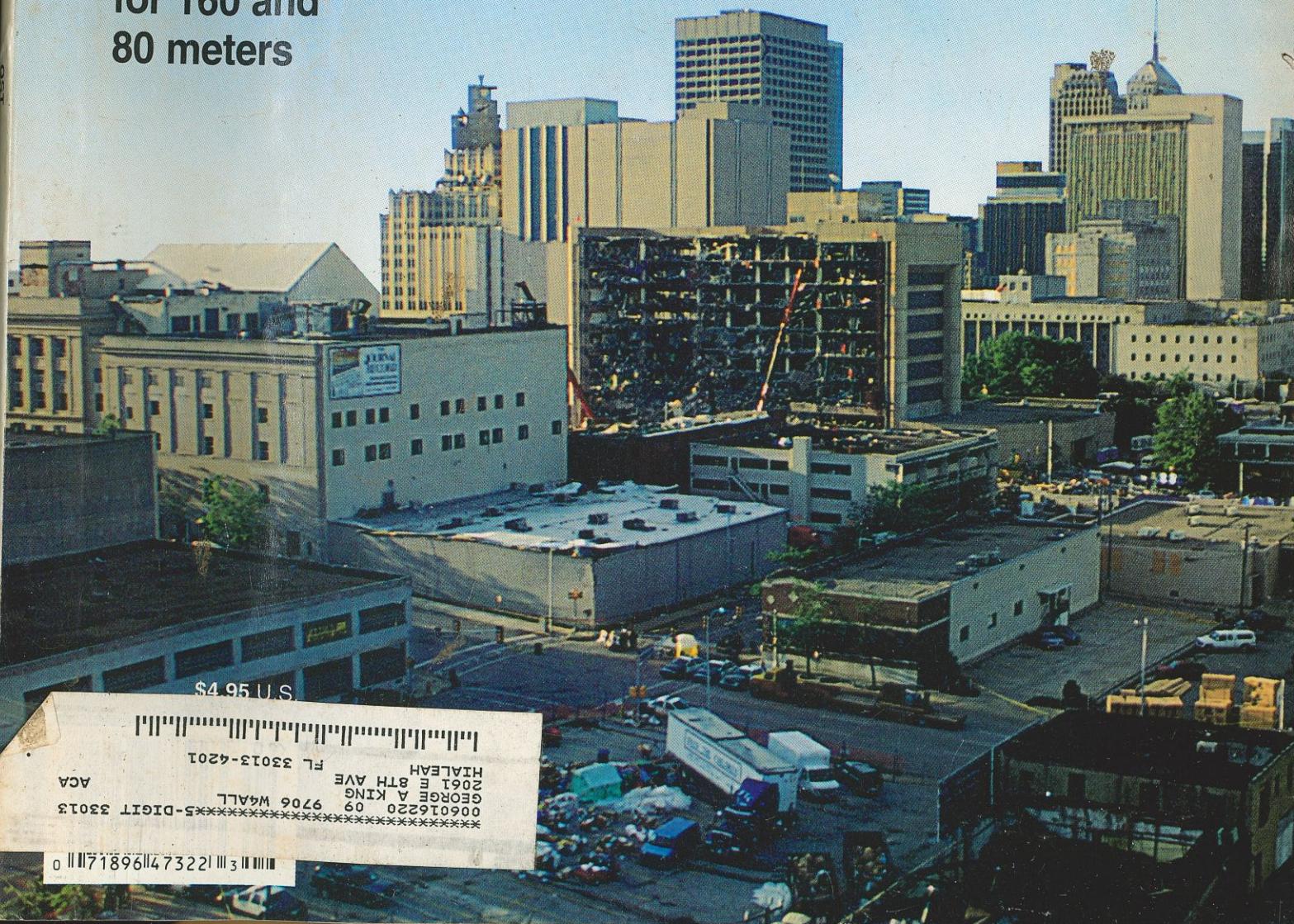
# Holocaust in Oklahoma City: Hams serve relief agencies and the public in the aftermath

# **QST** reviews the JRC JST-245 HF/6-meter transceiver

# Build a low-noise receiving antenna for 160 and 80 meters

# New Ham Companion

**15 pages of  
practical  
information  
for all hams**





# QST

devoted entirely to  
AMATEUR RADIO

July 1995

Official Journal of  
The American Radio  
Relay League

## Comparison review: Five dual-band hand-holds

Build a simple audio filter  
or a wideband 80-meter dipole

### Plus...

- Part 2 of our World Wide Web series
- Tour the Pavek Museum of Broadcasting

...and more!

\$4.95 U.S.  
\$5.95 Can.

**WA6ITC's  
solar-powered  
ham shack**

**New Ham  
Companion:**  
11 pages of  
practical  
information  
for all hams

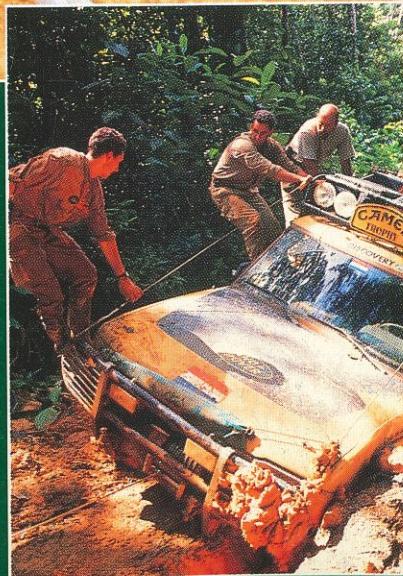
006016220 07 9706 M4ALL  
GEORGE A KING  
2061 E 8TH AVE  
HALLEAH  
FL 33013-4201  
ABW

# QST



February 1994 \$3.00

devoted entirely to Amateur Radio



**Adventure and  
Amateur Radio  
in the jungles  
of Malaysia:  
G4SMC/9M6  
and the '93  
Camel Trophy!**



# QST



December 1993 \$3.00

devoted entirely to Amateur Radio



**Direction Finding—Automatically**

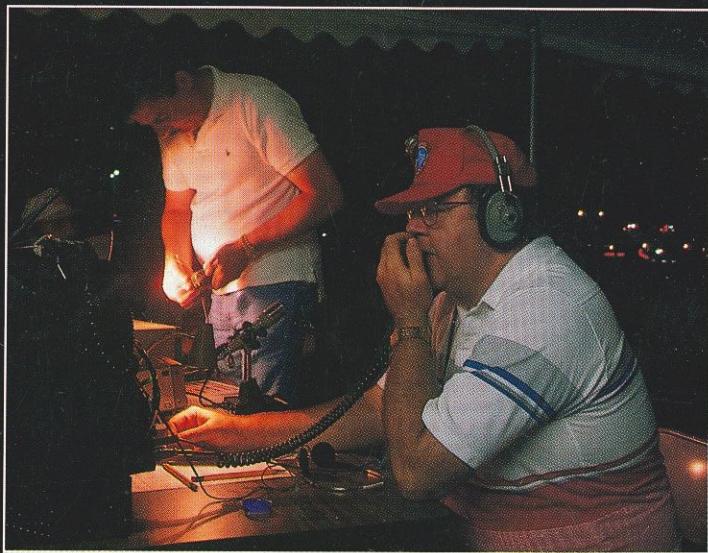
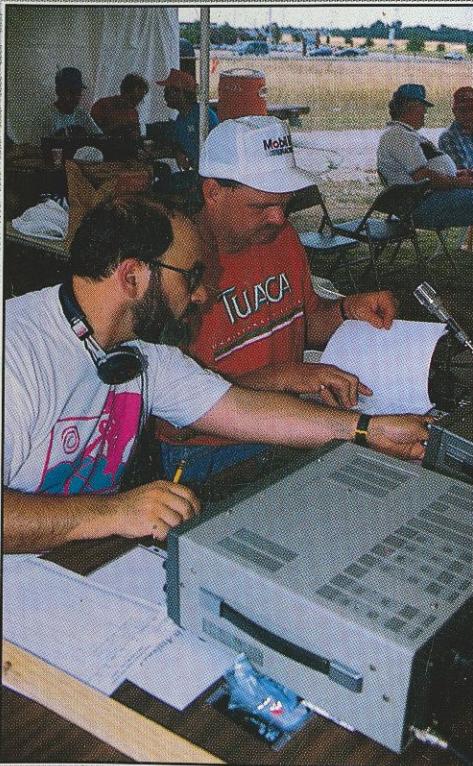


# QST



November 1993 \$3.00

devoted entirely to Amateur Radio



FIELD DAY '93



19920

0 843655 9

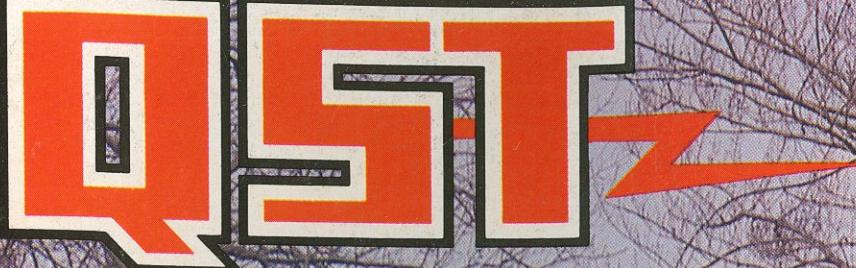
May 1990 \$3.00



devoted entirely to Amateur Radio



May 1988 \$3.00



**devoted entirely to Amateur Radio**

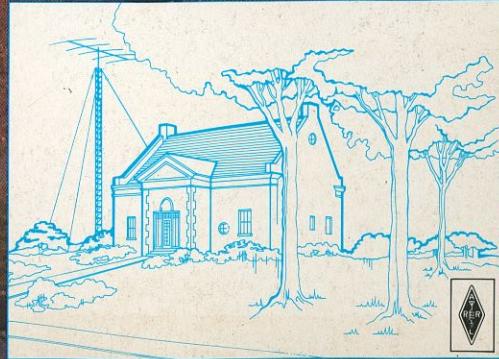


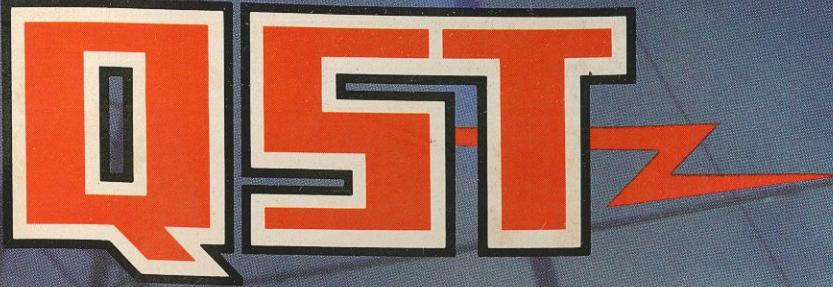
**Get on the fund-drive  
bandwagon!**

Page 11

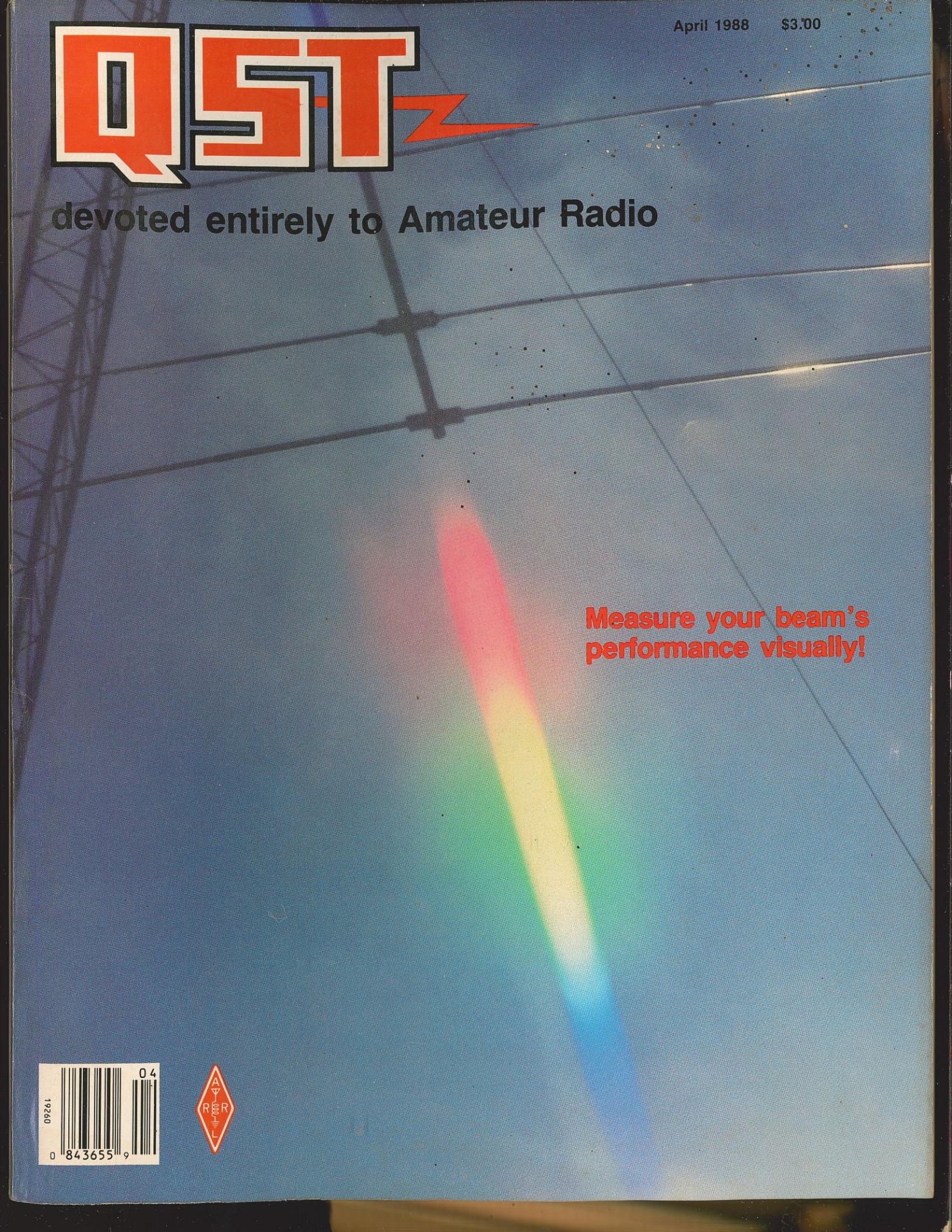


09261





devoted entirely to Amateur Radio

A large, faint background image of a tall, multi-tiered lattice antenna tower stands against a blue sky. A colorful, multi-colored beam (red, orange, yellow, green, blue) originates from the tower and extends towards the bottom right corner of the page, representing the coverage or performance of a radio beam.

Measure your beam's  
performance visually!





devoted entirely to Amateur Radio

ARRL DIAMOND JUBILEE  
NATIONAL CONVENTION



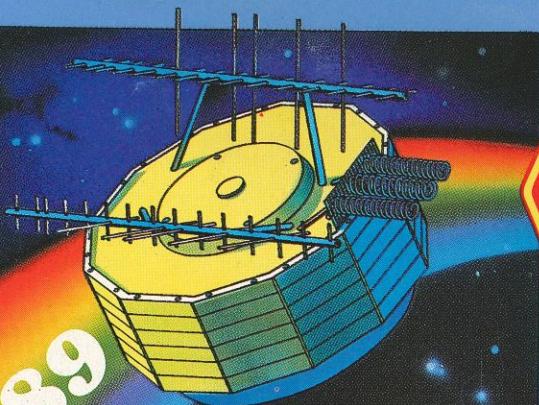
JUNE 2-4

ARLINGTON CONVENTION CENTER

FROM  
SPARK...

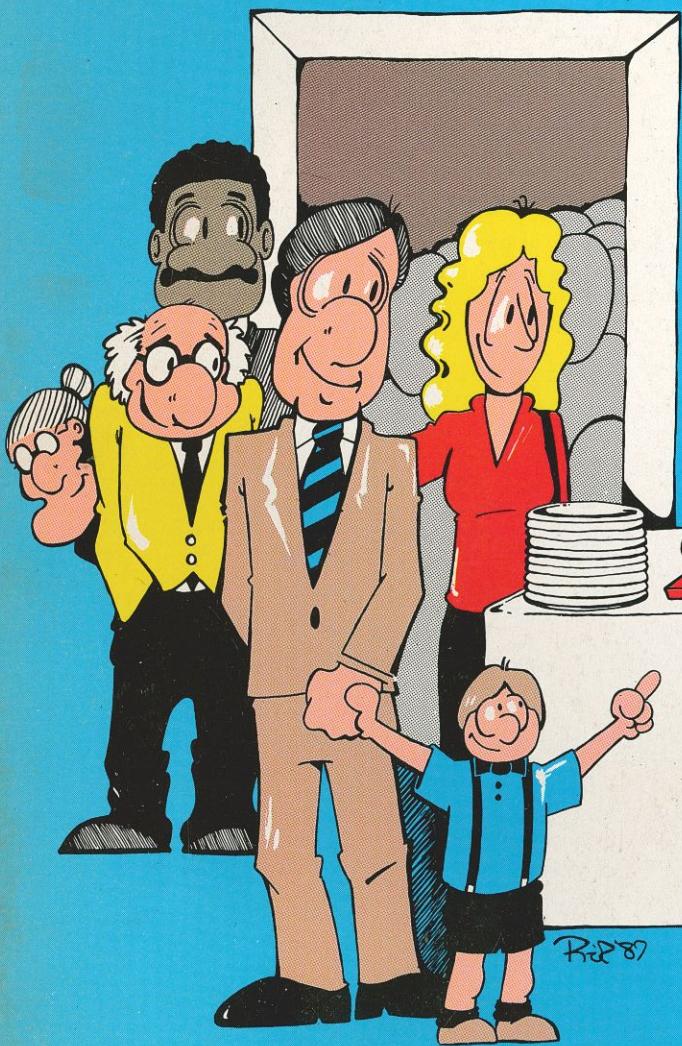
1914-1989

...TO SPACE



# QST

devoted entirely to Amateur Radio



## NOVICE ENHANCEMENT BUFFET

28 MHz  
CW, SSB  
digital modes  
200 watts

220 MHz  
all modes  
25 watts

1270 MHz  
all modes  
5 watts

3.5-7-21 MHz  
CW  
200 watts

Novices and Techs  
Feast on New Privileges  
Full details inside!

League Mobilizes To Protect 220  
See page 9



**Q****S-T****Z**

FCC Adopts Novice Enhancement! March 1987 \$3.00

**devoted entirely to Amateur Radio****ARRL Visitors' Center:  
One Step Closer!**

19109



The logo consists of the letters 'Q', 'S', and 'T' in a bold, red, blocky font. Each letter has a thick black outline and a thin white inner border. A red lightning bolt graphic originates from the right side of the 'T' and extends towards the bottom right corner of the image.

# devoted entirely to Amateur Radio



## **Broadband MMICs Simplify RF Design**

19261

0 843655 9





January 1987 \$3.00

devoted entirely to Amateur Radio



Reaching for the  
mid-Michigan sky.

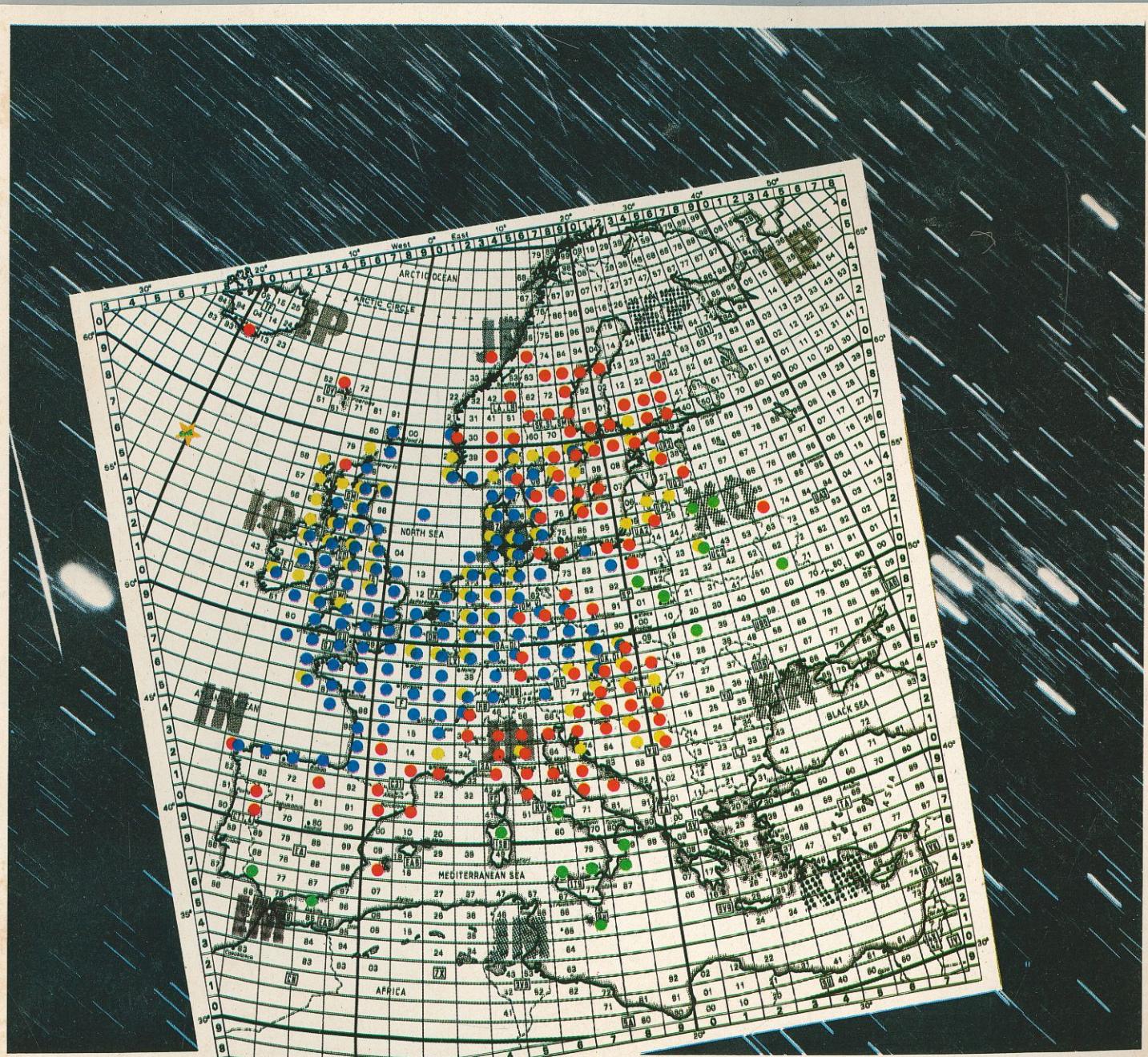
Page 15



November 1986 \$3.00



devoted entirely to Amateur Radio



Meteor Scatter, European Style

14260

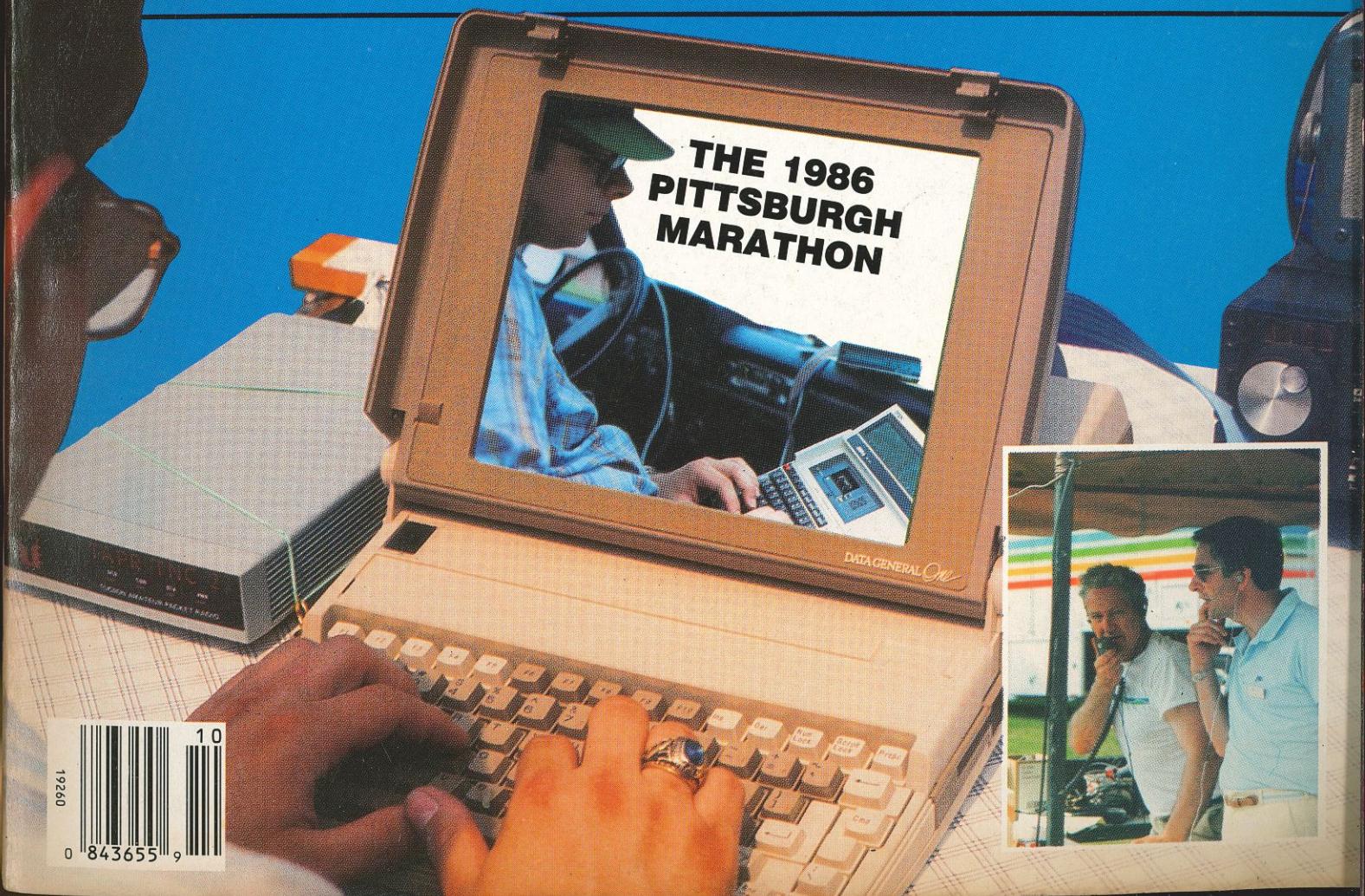
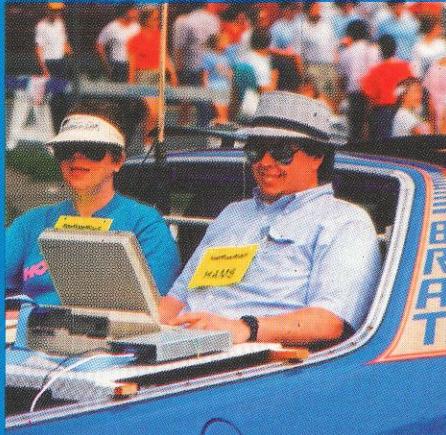
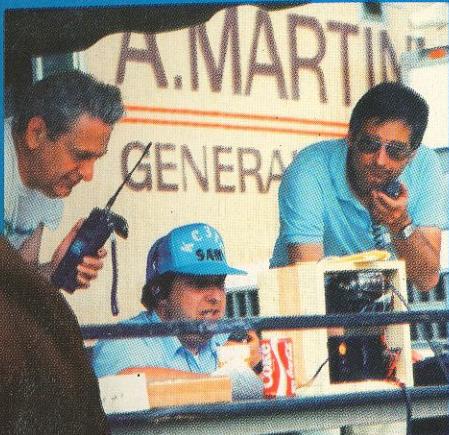


October 1986 \$3.00



# QST

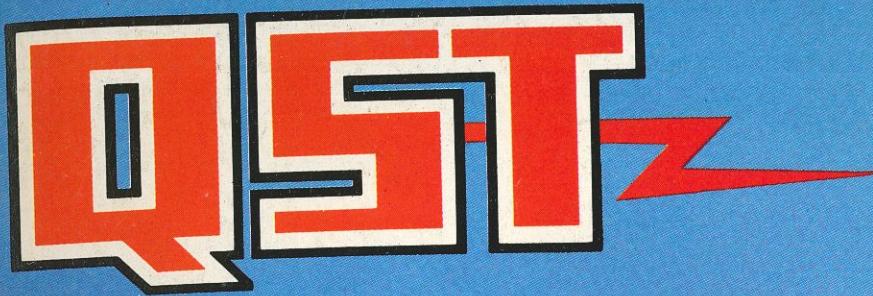
devoted entirely to Amateur Radio



09261



September 1986 \$3.00



devoted entirely to Amateur Radio



Clipperton: Read all about it!

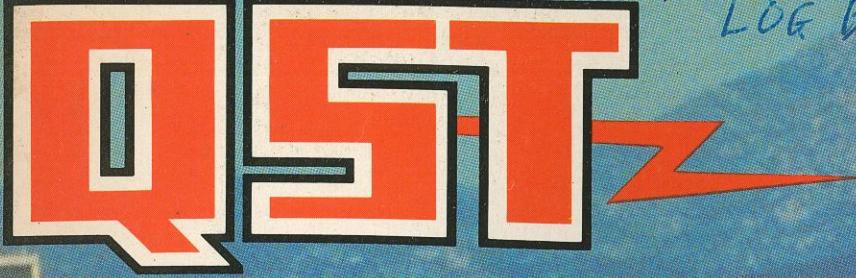
Page 70

CODE OSC PAGE 64

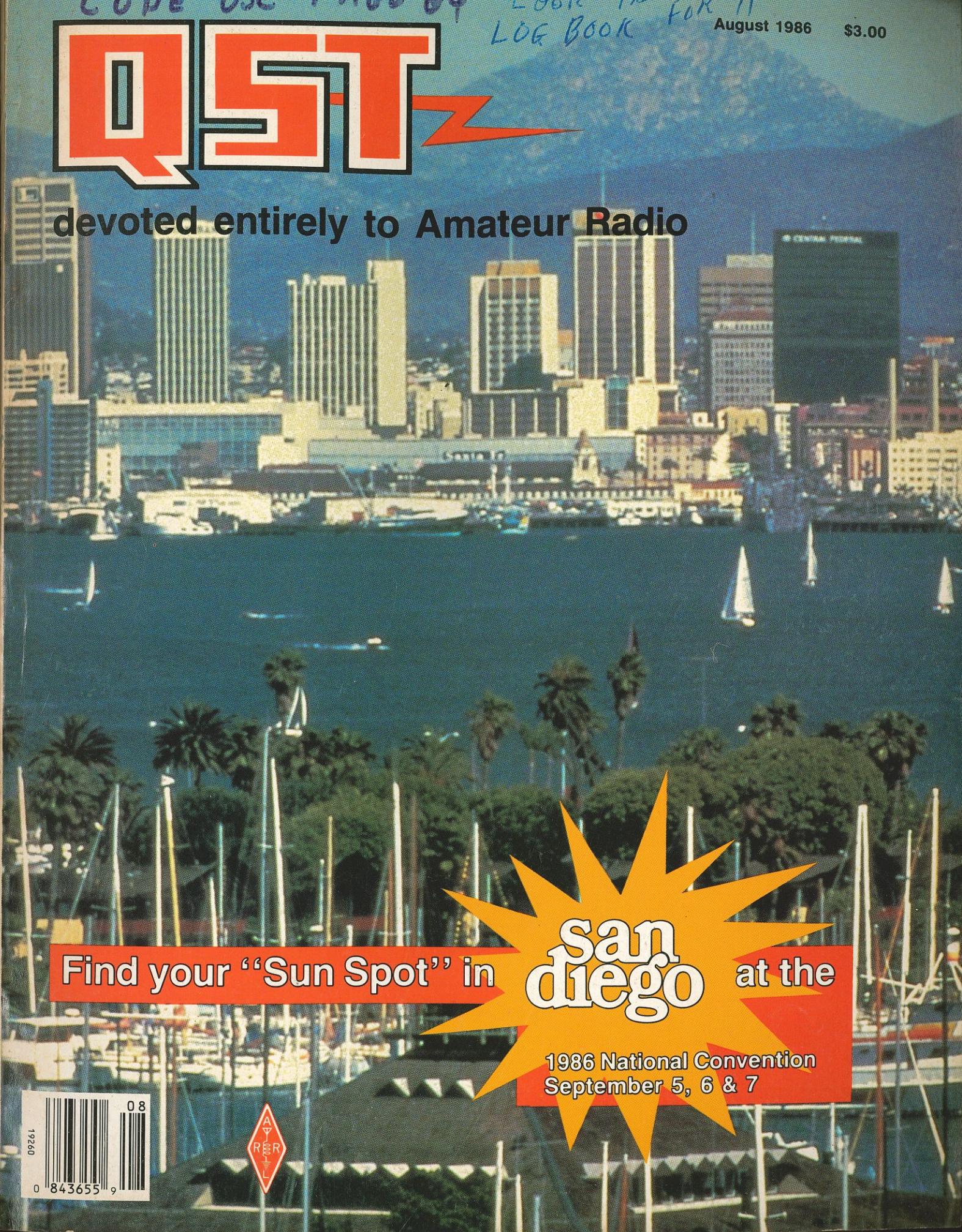
Look IN FOR IT  
LOG BOOK

August 1986

\$3.00



devoted entirely to Amateur Radio



Find your "Sun Spot" in

san  
diego

at the

1986 National Convention  
September 5, 6 & 7

08



19260

# QST

July 1986 \$3.00

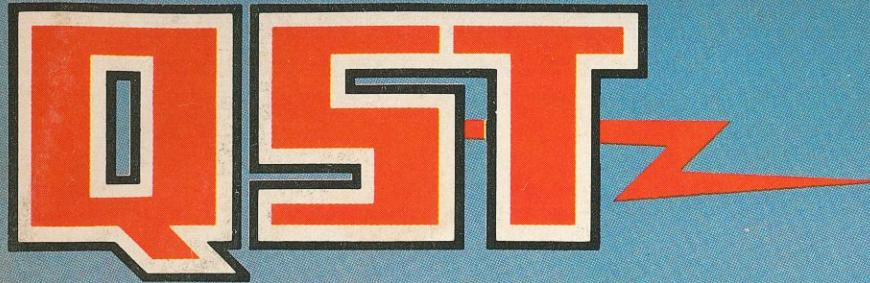
*C. Q. Pendley*

devoted entirely to Amateur Radio



JAS-1: The Countdown Begins

June 1980 \$2.50

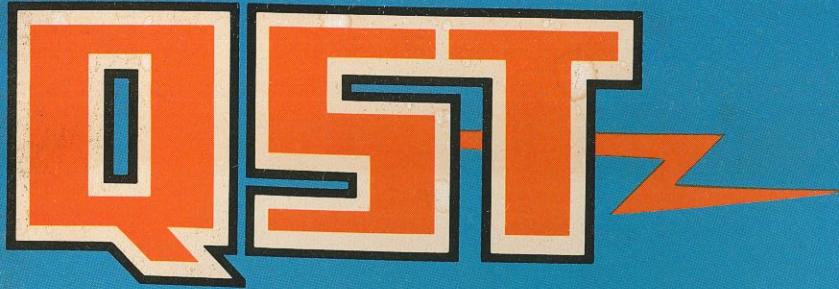


devoted entirely to Amateur Radio



Can you top this one?

August 1987 \$3.00



devoted entirely to Amateur Radio



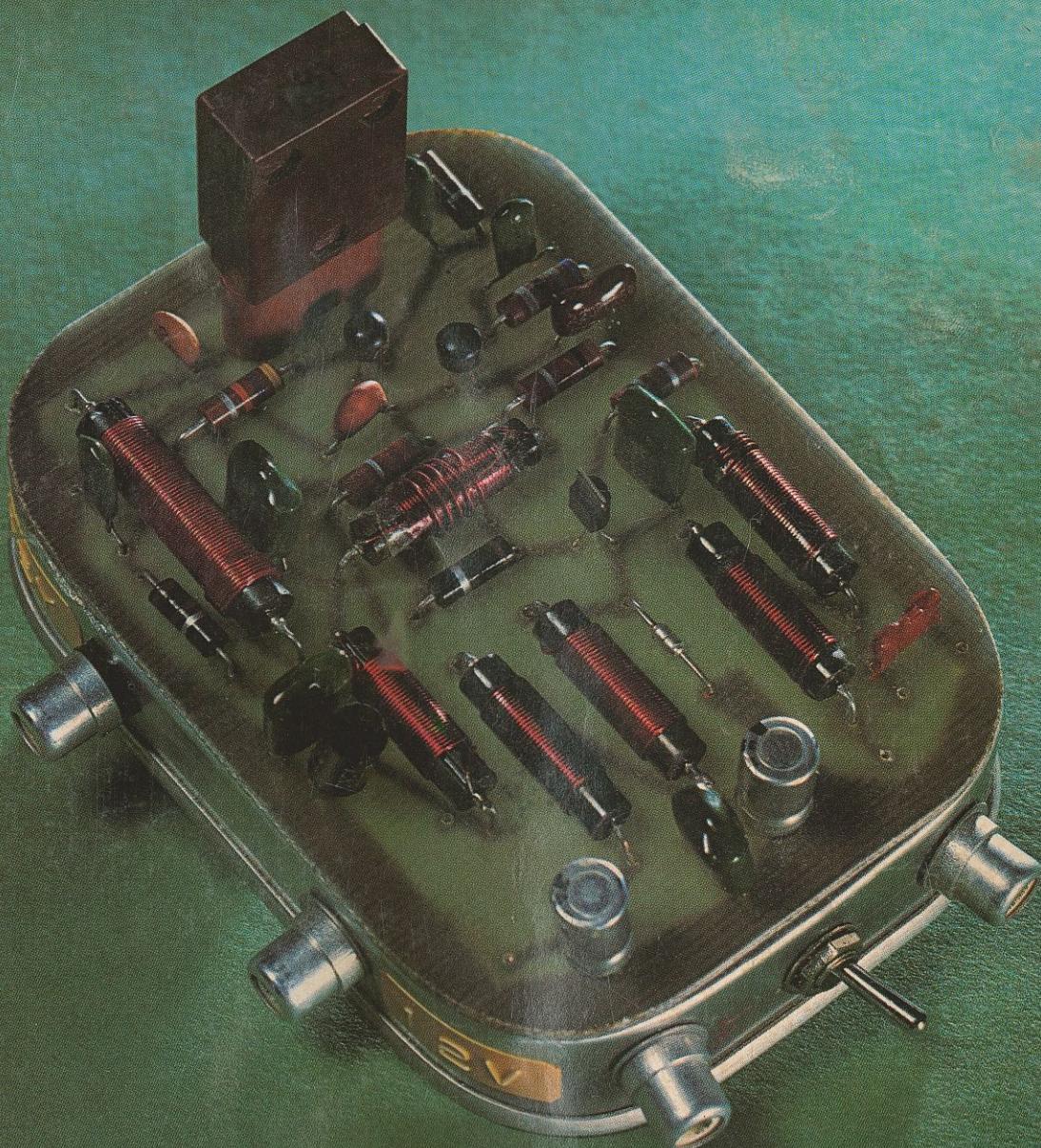
Santa Barbara's Super Van



# QST

devoted entirely to Amateur Radio

October 1978 \$2.00



**The Sardine Sender —  
have fun with this 3/4-watt  
80-meter weekend project.**

Page 15

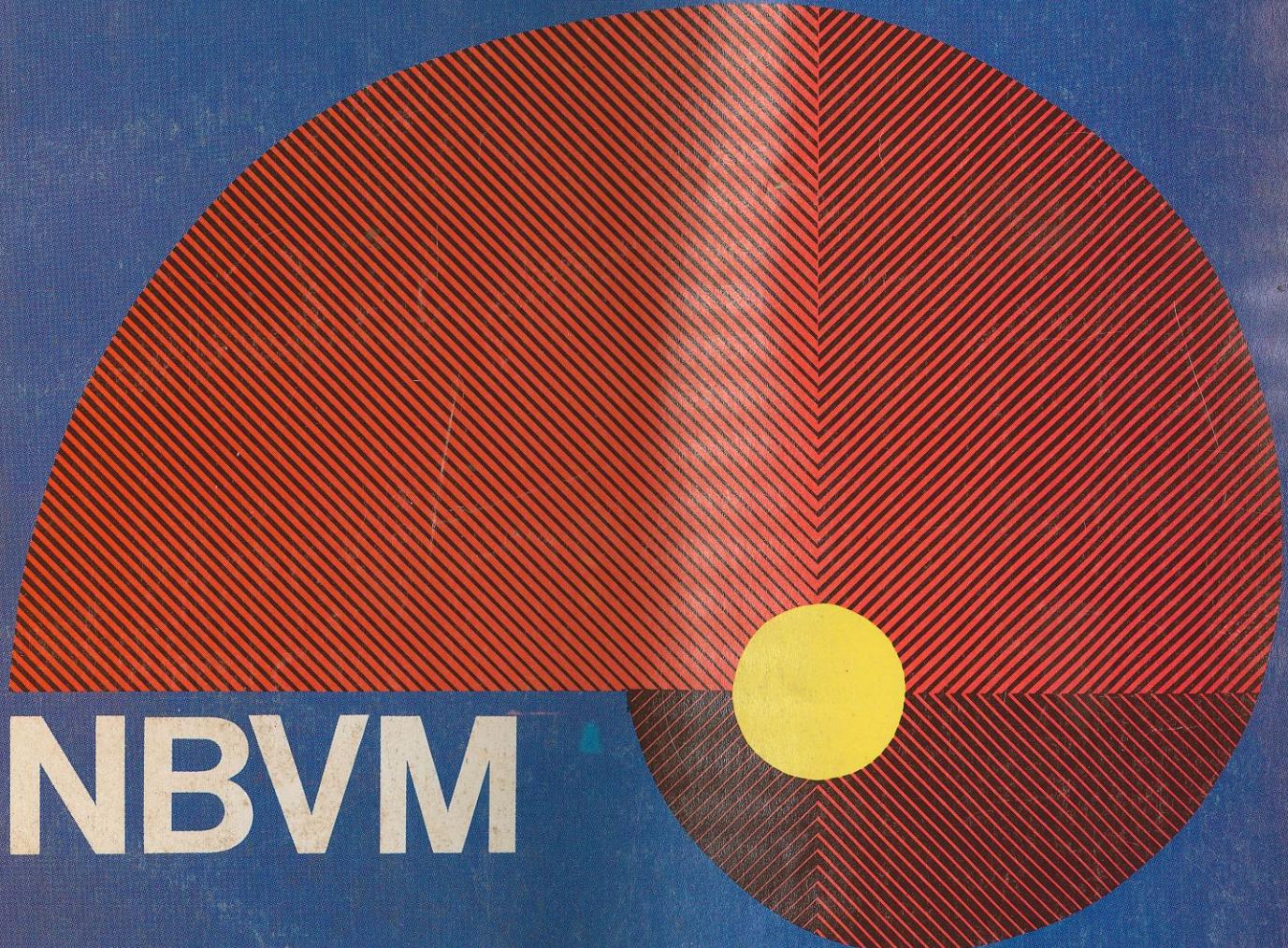




devoted entirely to Amateur Radio

September 1978 \$2.00

79  
HANDBOOK  
IT'S REALLY NEW!



A large graphic element in the center-right of the cover features a spiral pattern composed of red and black diagonal lines, resembling a sunburst or a signal waveform. A bright yellow circle is positioned at the center of the spiral.

NBVM

## Narrow Band Voice Modulation

Spiraling technology provides more QSOs per Megahertz. That means better communications for you. Get in on the historic tests of this amazing breakthrough.

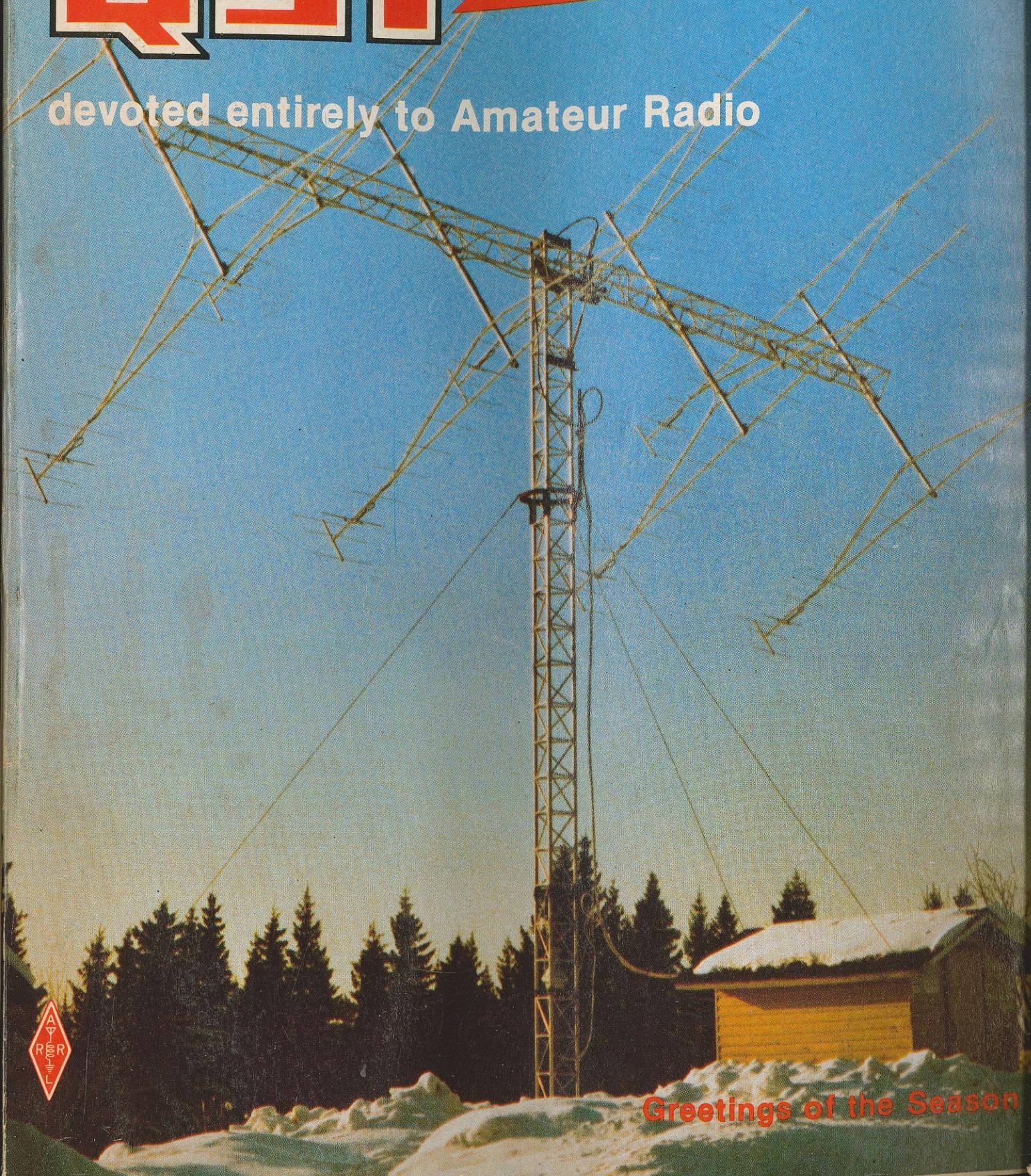
Page 9



December 1981 \$2.50



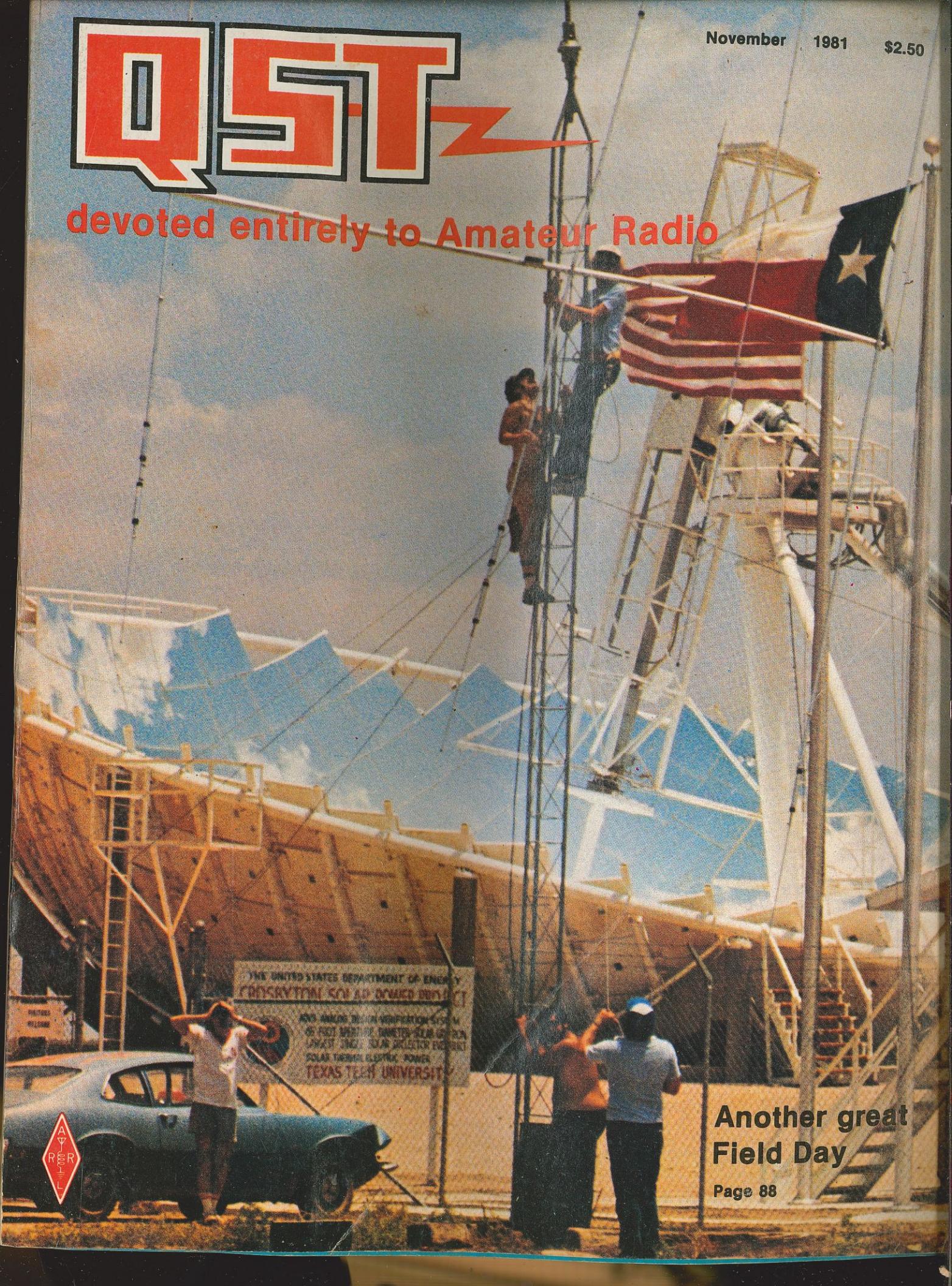
devoted entirely to Amateur Radio



Greetings of the Season

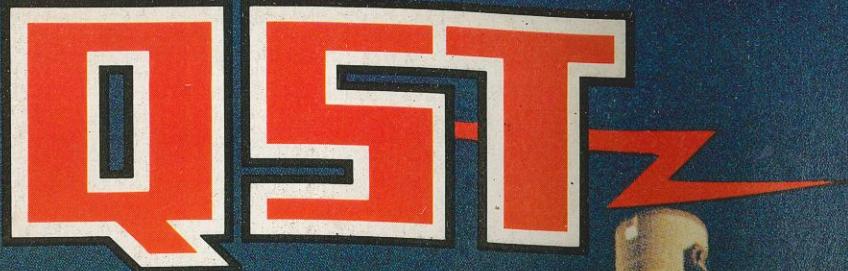
The logo consists of the letters 'Q', 'S', and 'T' in a bold, blocky font. The 'Q' is red with a black outline and a white center containing a black vertical bar. The 'S' is red with a black outline and a white center containing a black horizontal bar. The 'T' is red with a black outline. To the right of the 'T', a red lightning bolt extends diagonally downwards.

# devoted entirely to Amateur Radio

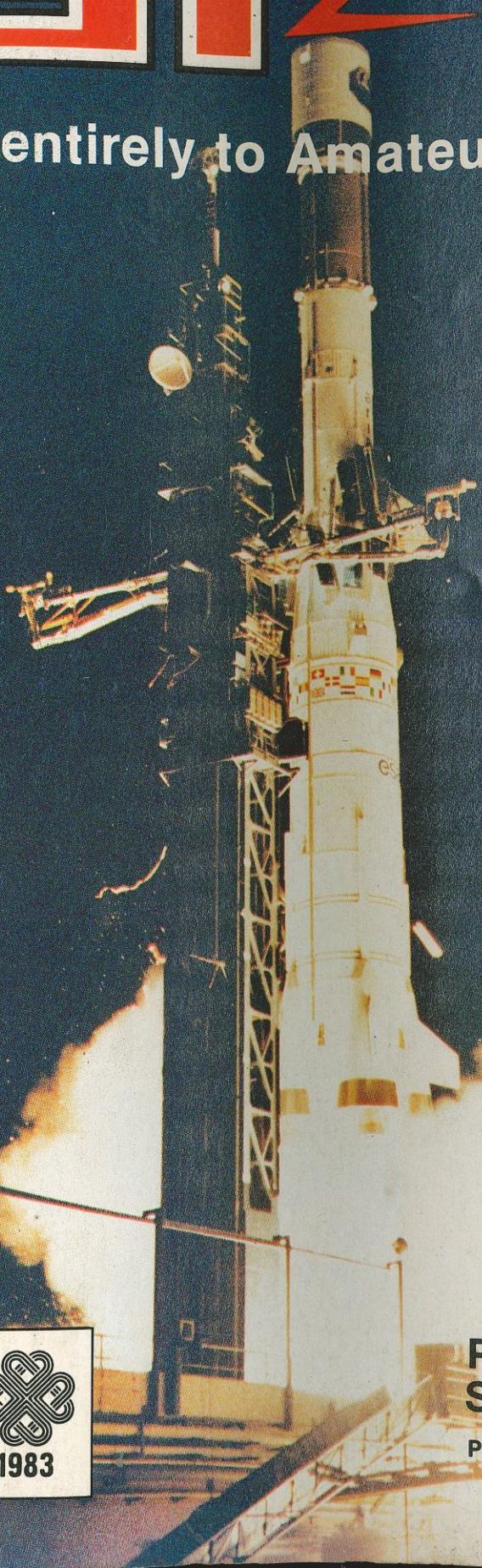


## Another great Field Day

Page 88



devoted entirely to Amateur Radio



**Phase IIIB:  
State-of-the-art OSCAR**

Page 77



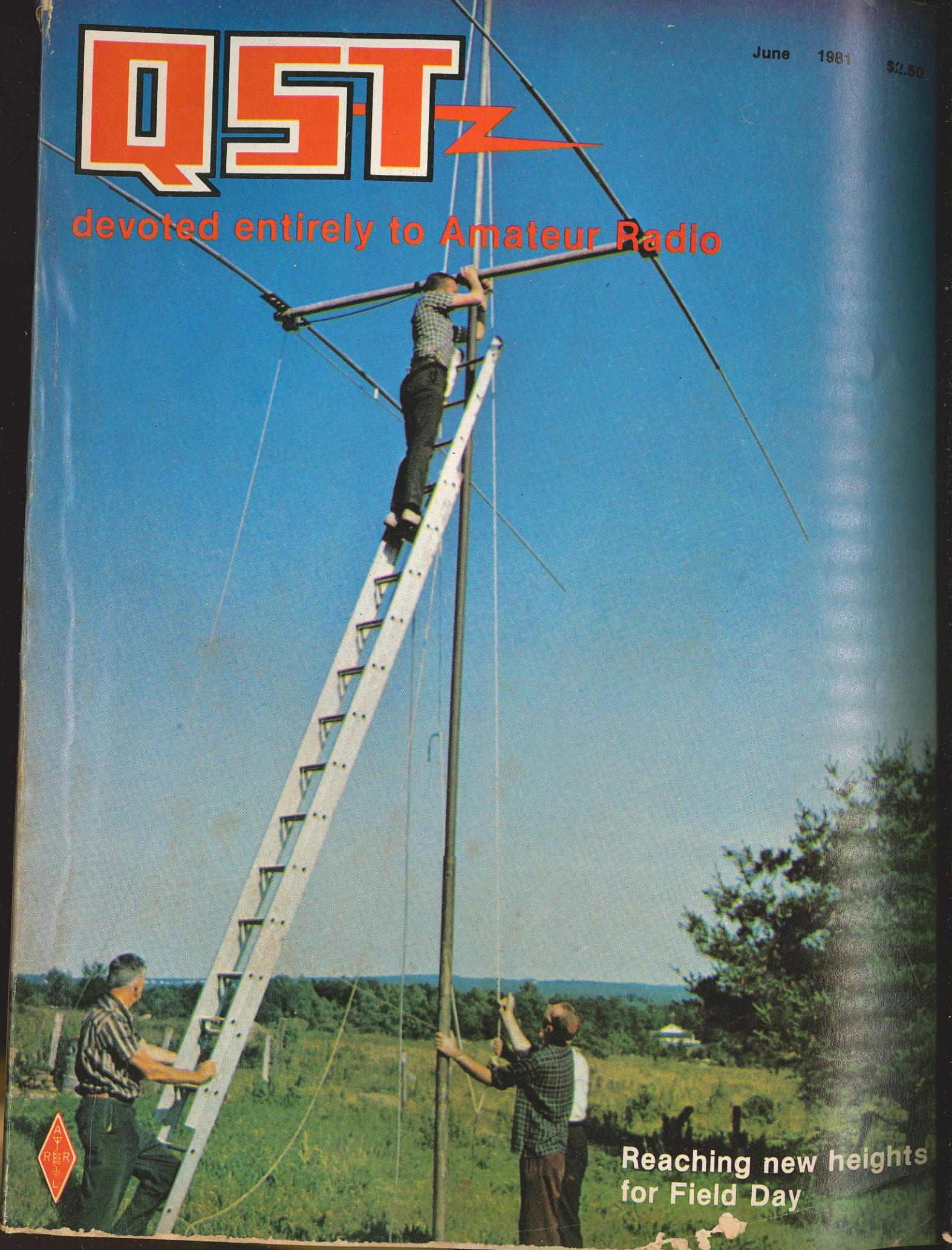
ANNEE MONDIALE DES  
COMMUNICATIONS  
WORLD COMMUNICATIONS  
YEAR  
AÑO MUNDIAL DE LAS  
COMUNICACIONES



# QST

devoted entirely to Amateur Radio

June 1981 \$2.50



Reaching new heights  
for Field Day

# QST

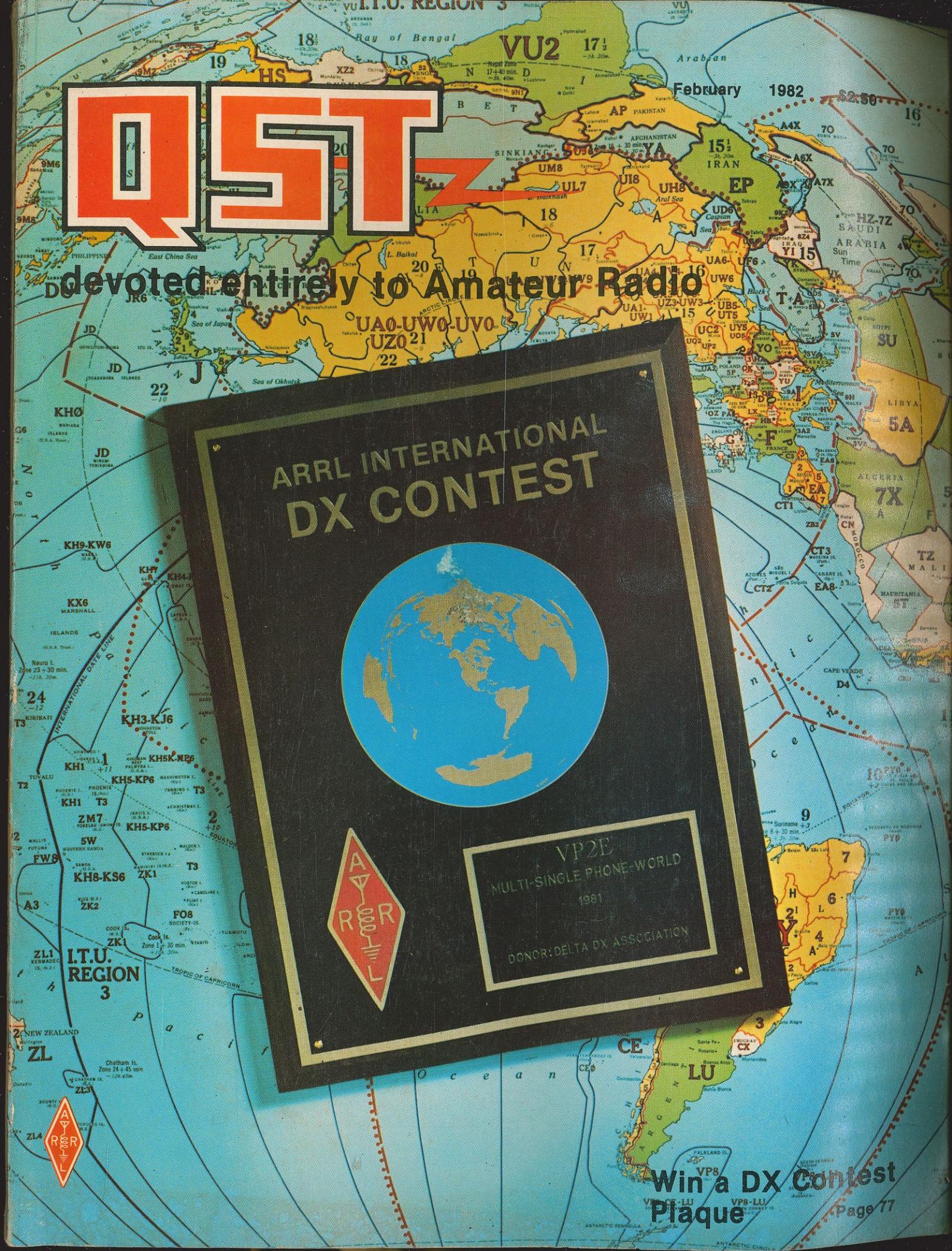
devoted entirely to Amateur Radio

## ARRL INTERNATIONAL DX CONTEST



Win a DX Contest  
Plaque

Page 77

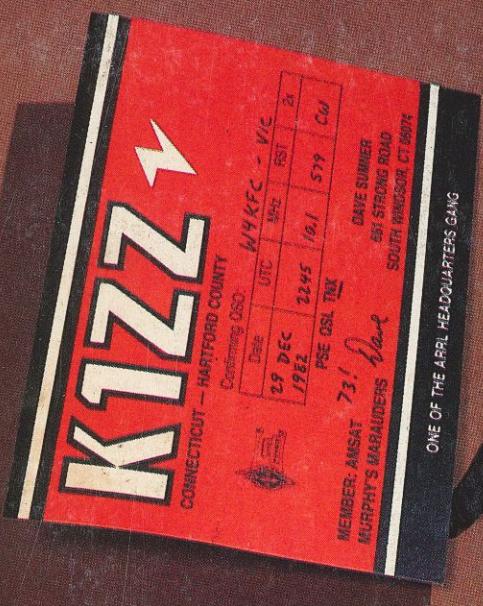


May 1983

**\$2.50**

**RST**

# devoted entirely to Amateur Radio



ANNEE MONDIALE DES  
COMMUNICATIONS  
WORLD COMMUNICATIONS  
YEAR  
AÑO MUNDIAL DE LAS  
COMUNICACIONES

# Amateur Radio Station

# What's on their minds?

Page 44

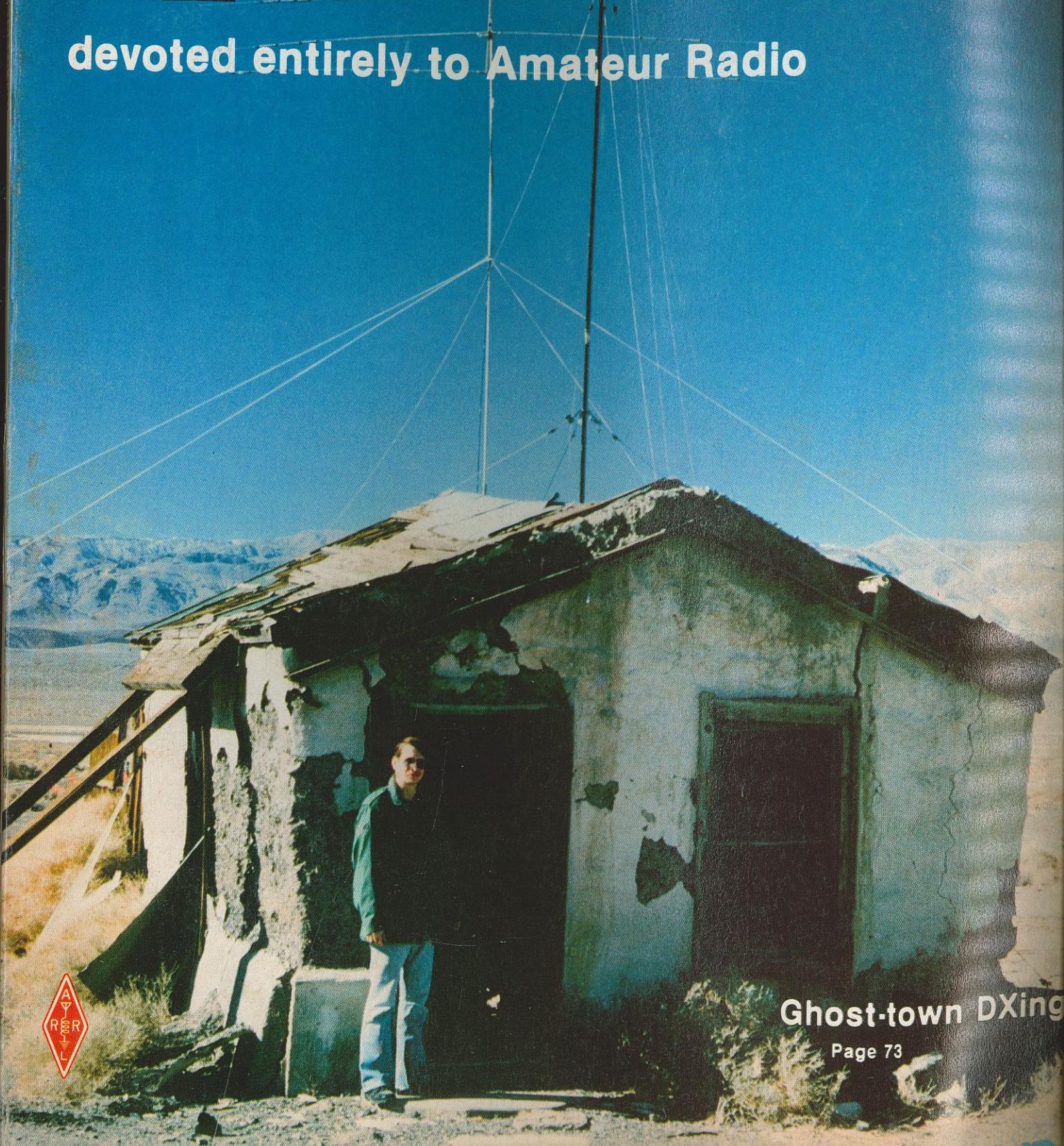
# QST

October

1981

\$2.

devoted entirely to Amateur Radio



Ghost-town DXing

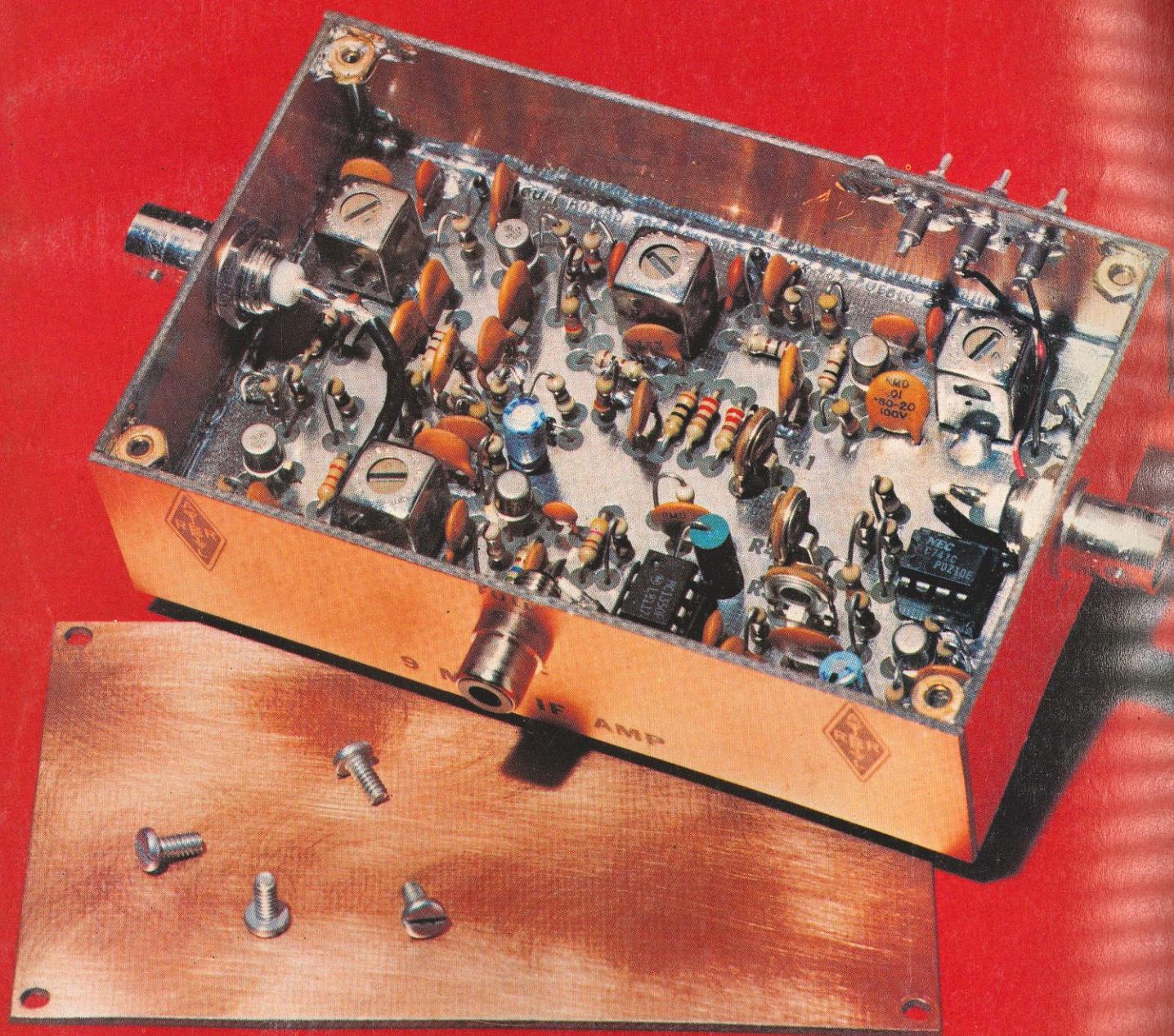
Page 73

August 1981

\$2.50



devoted entirely to Amateur Radio



A "discrete" i-f amplifier



# QST

devoted entirely to Amateur Radio

February 1978

\$2.00



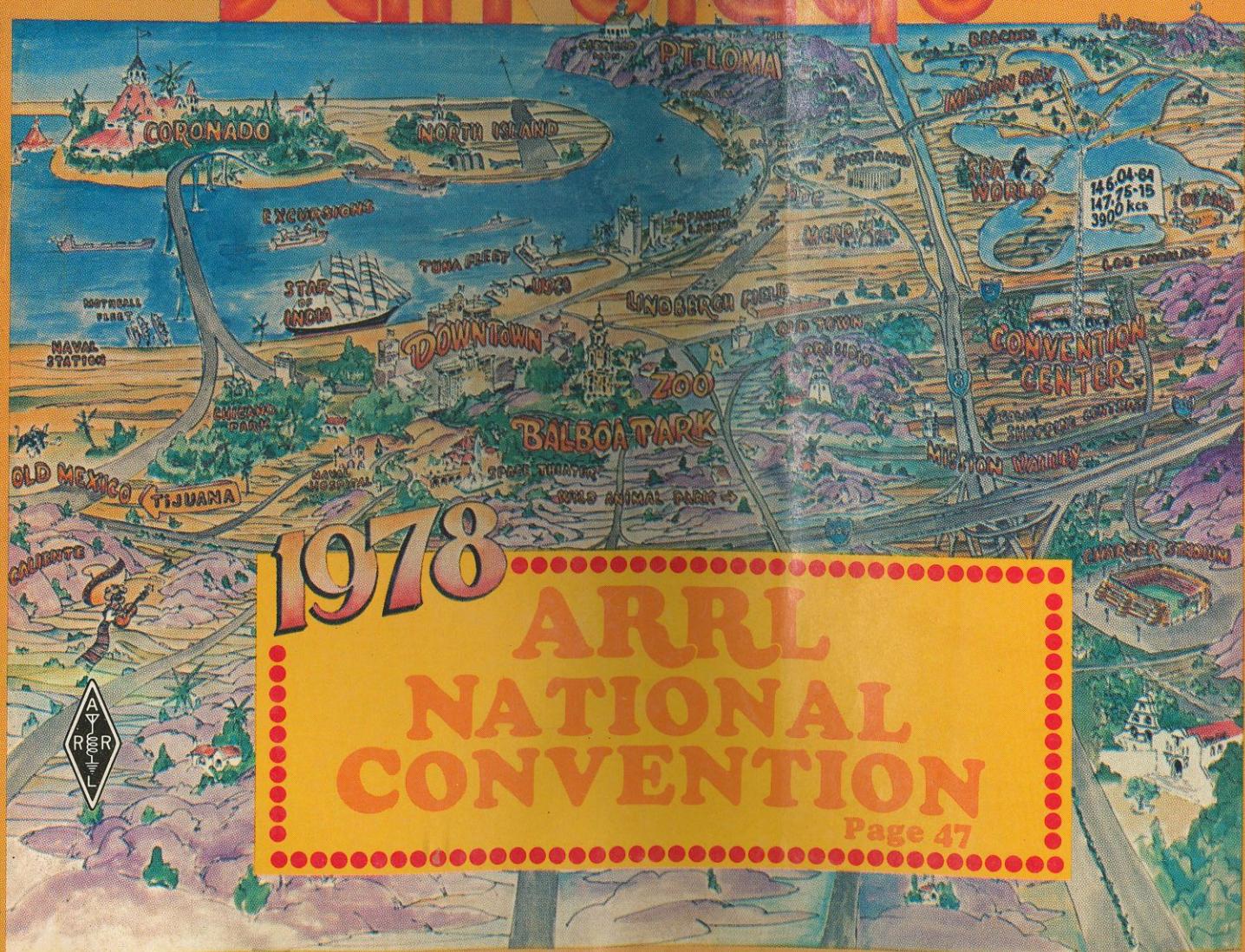
**Radiosport Championship  
stresses Olympic ideal of  
world brotherhood.**

# QST

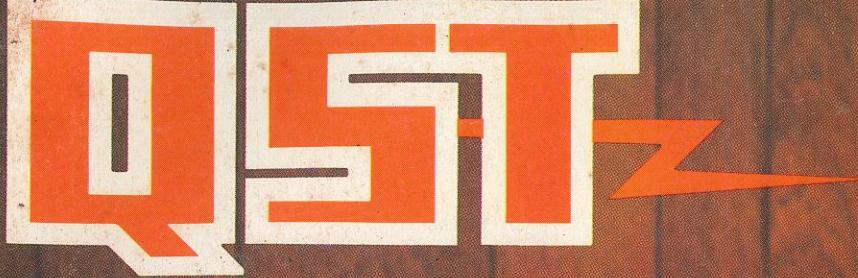
devoted entirely to Amateur Radio

August 1978 \$2.00

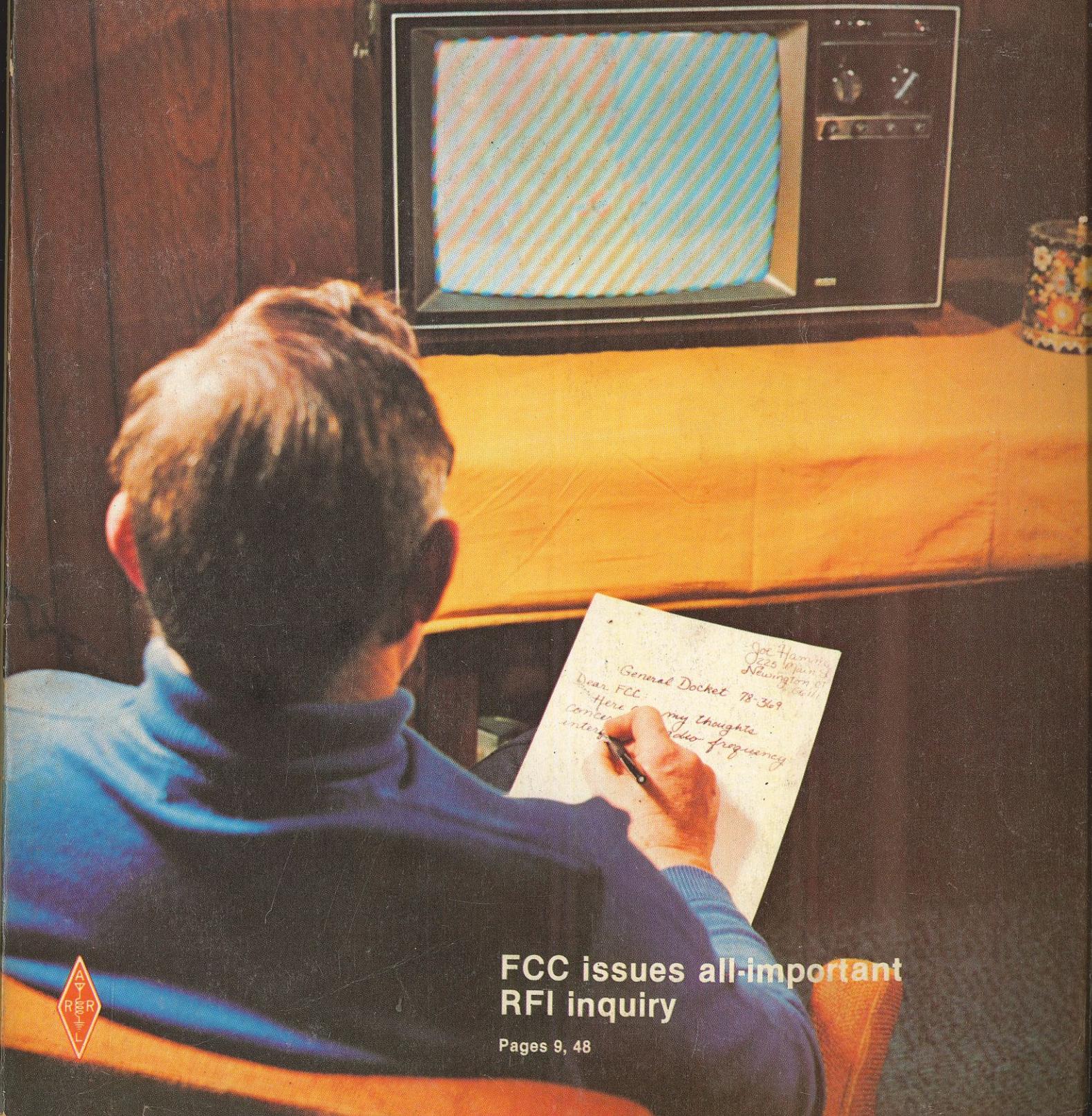
# san diego



March 1979 \$2.00



devoted entirely to Amateur Radio



FCC issues all-important  
RFI inquiry

Pages 9, 48



# QST

December 1978 \$2.00

devoted entirely to Amateur Radio

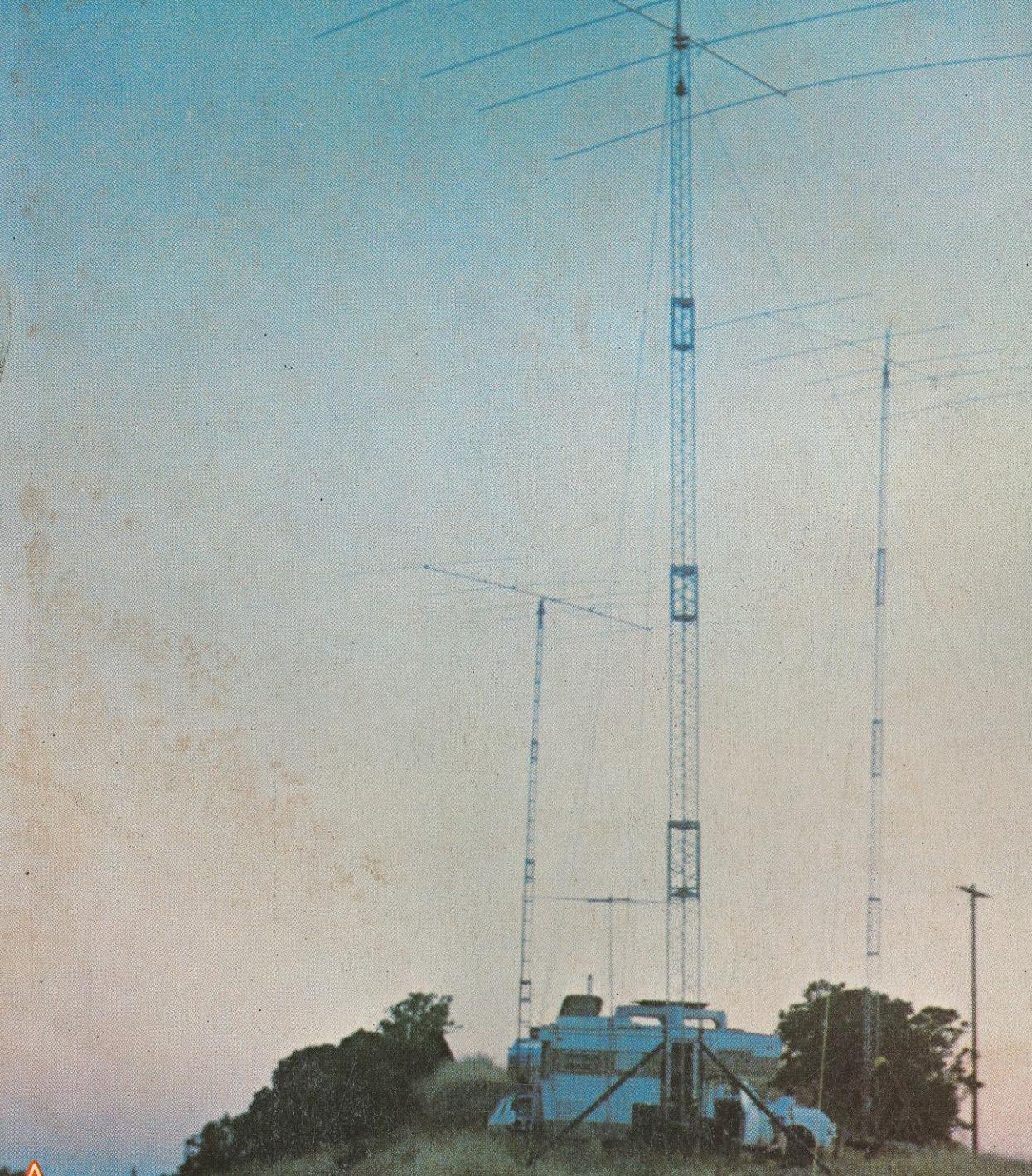


The IARU "Project  
Goodwill" Transmitter

November 1978 \$2.00



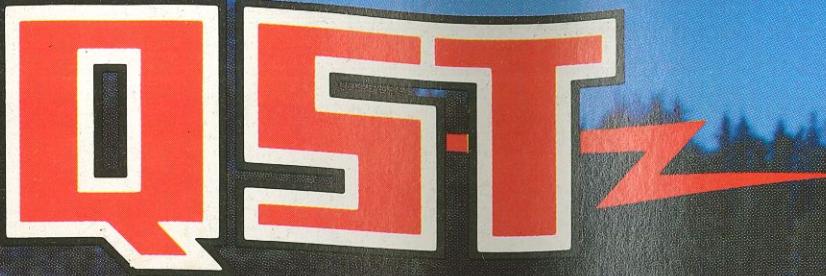
devoted entirely to Amateur Radio



Field Day, 1978

Page 72

January 1991 \$3.00



**devoted entirely to Amateur Radio**

**Sea Kayaking and Ham Radio:  
Perfect Wilderness Companions**





December 1990 \$3.00

75 Years Serving Amateur Radio

A large, stylized number '75' in a glowing orange and yellow gradient, set against a dark background. The number is surrounded by a dense, colorful spray of confetti and streamers in shades of red, orange, yellow, green, blue, and white.



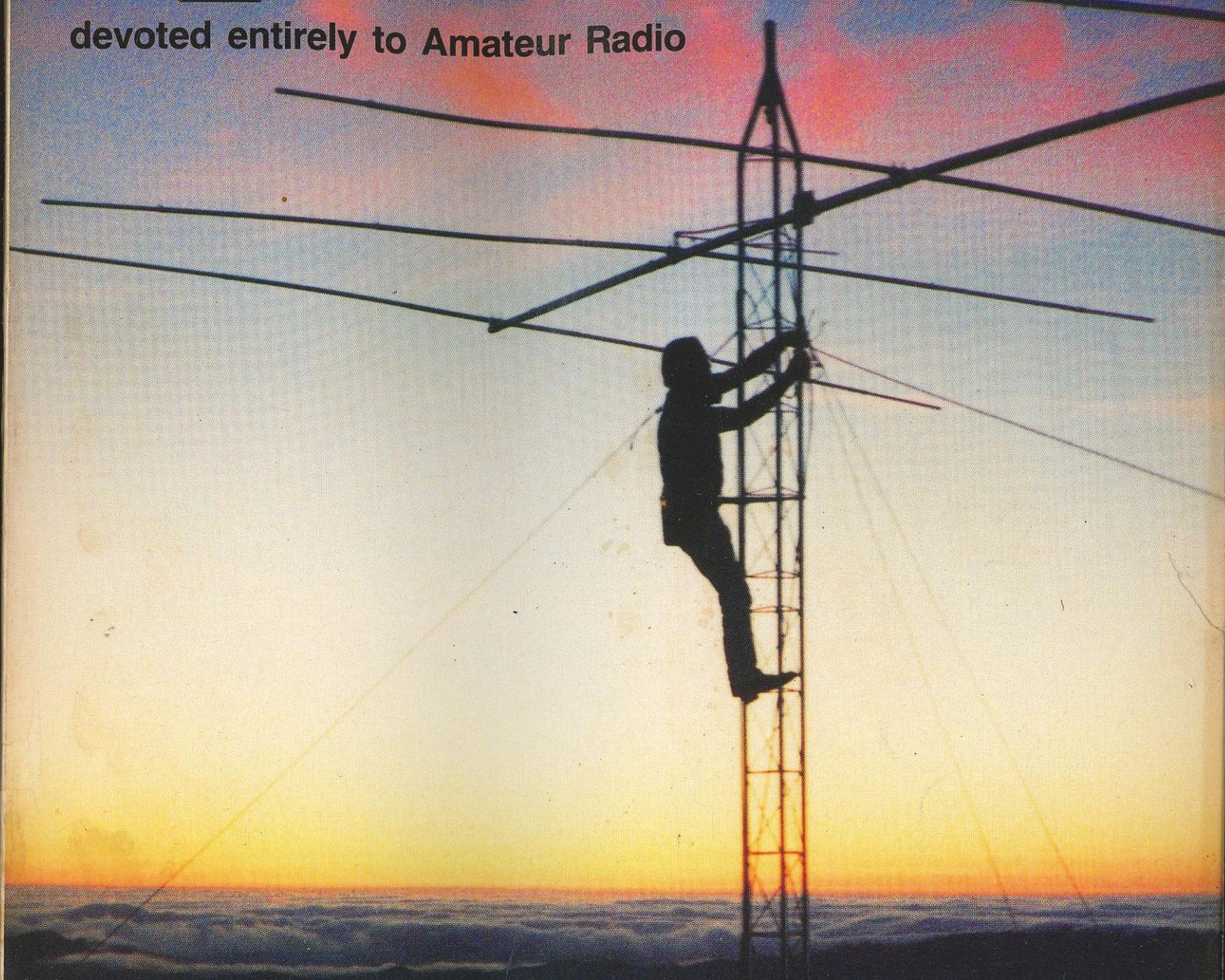
129260



November 1990 \$3.00



devoted entirely to Amateur Radio



Field Day '90!



092661

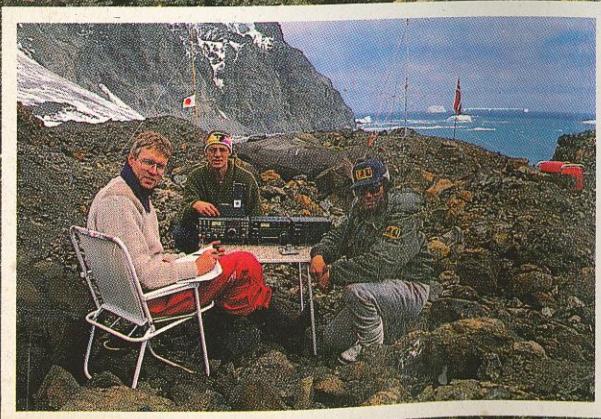
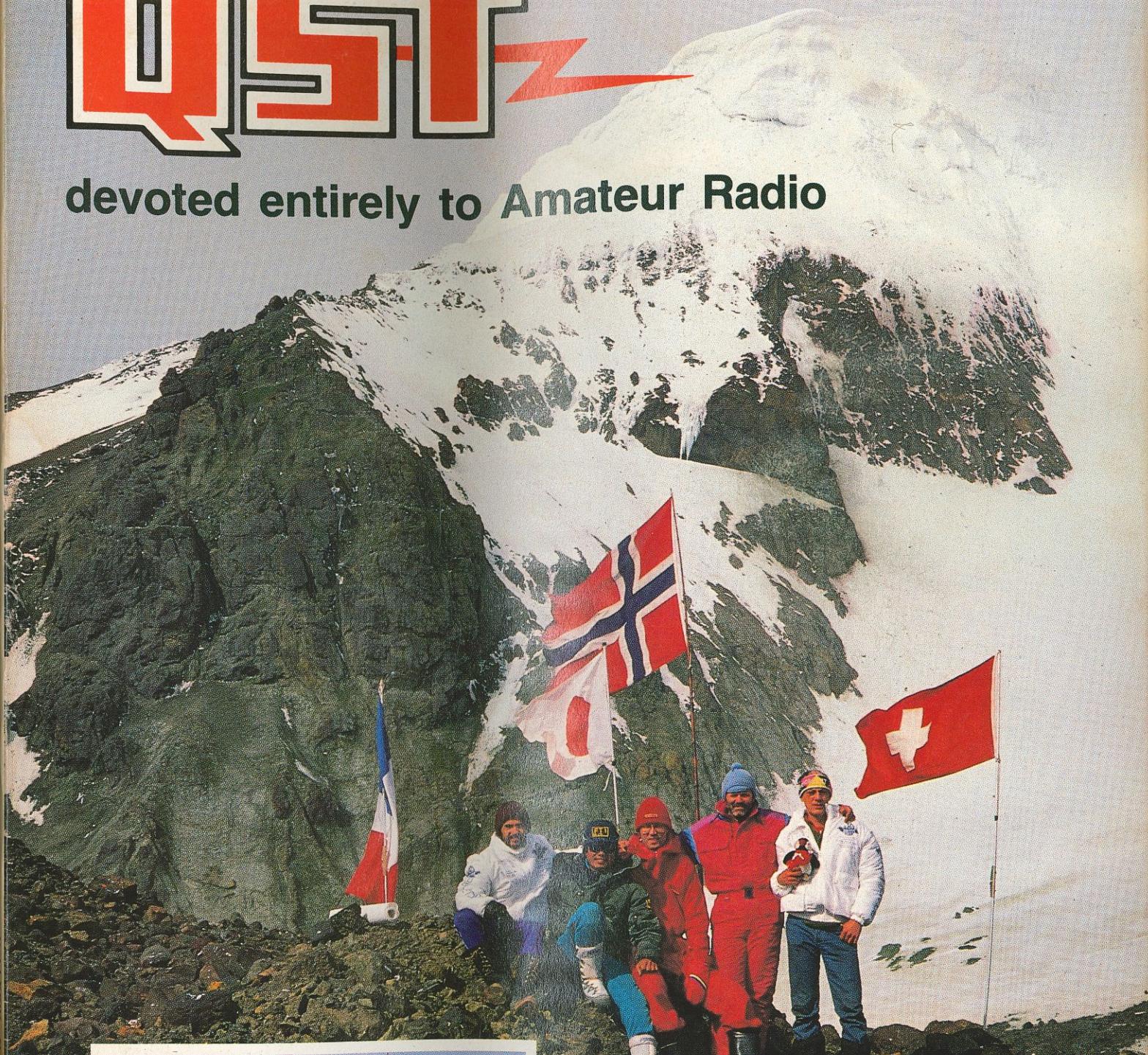


0 843655 9

October 1990 \$3.00



devoted entirely to Amateur Radio



**The 3Y5X Club  
Bouvet DXpedition**

09261





**devoted entirely to Amateur Radio**

September 1990 \$3.00

### Explanation of Symbols

### State Parks with camping facilities

## Airports

Free Limited-Access Highways  
Toll Limited-Access Highways  
Other Four-Lane Divided Highways  
Principal Highways

## How to Determine Distance

Mileage in red between red arrow heads, in black between intersections. Some interchange numbers indicate mileage.



1926

0 843655 9

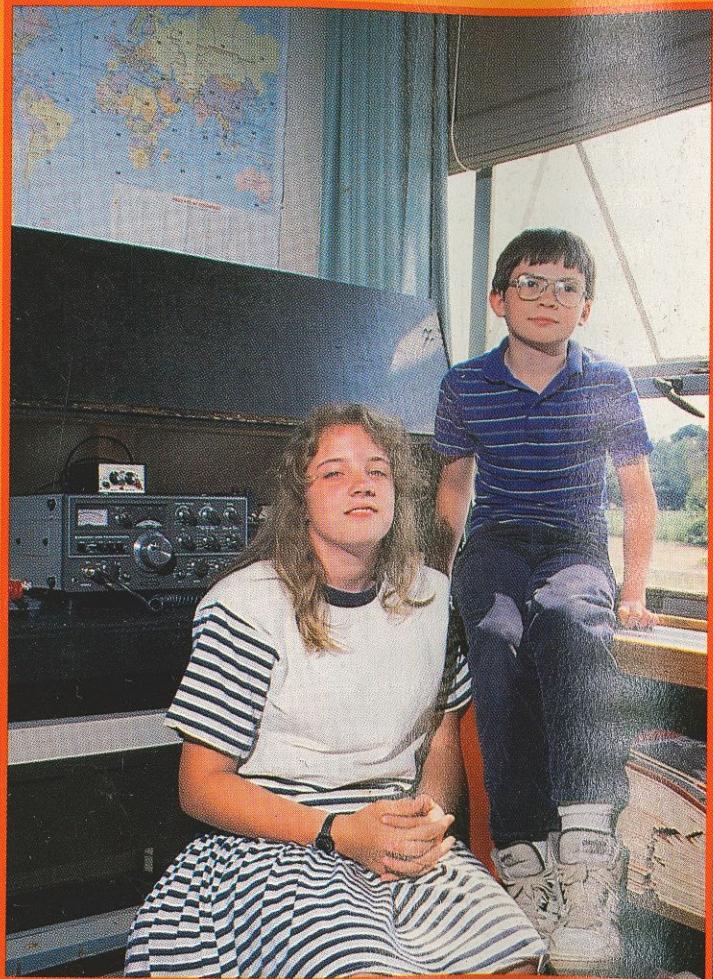
09

## DXing with Lasers

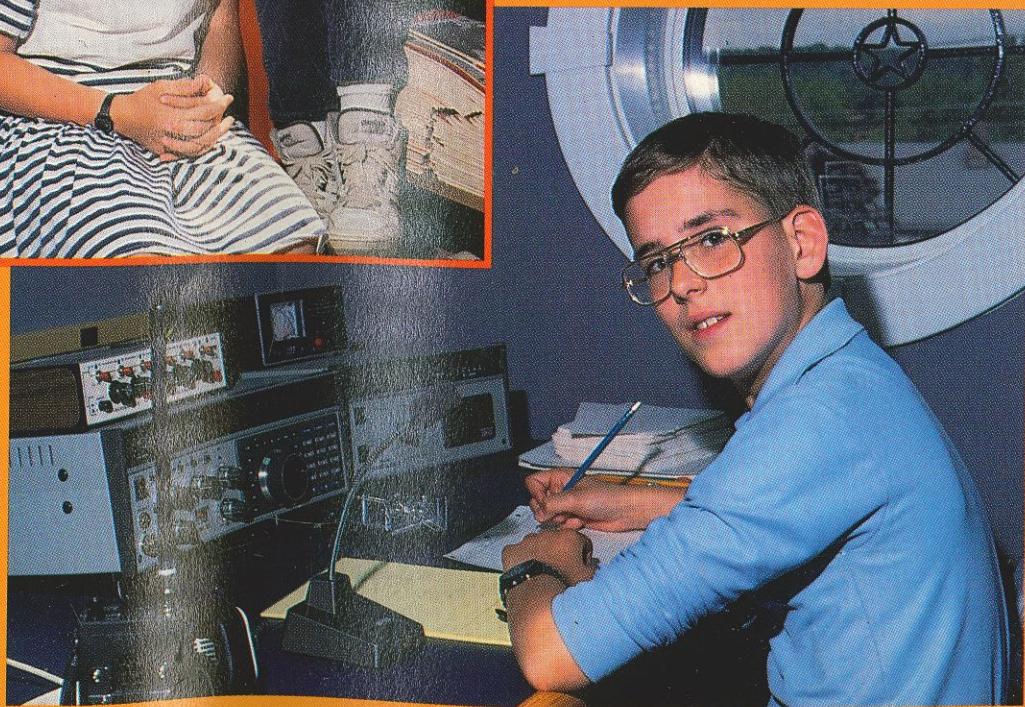


August 1990 \$3.00

**devoted entirely to Amateur Radio**



**YOUNG PEOPLE  
WARM UP TO  
HAM RADIO**

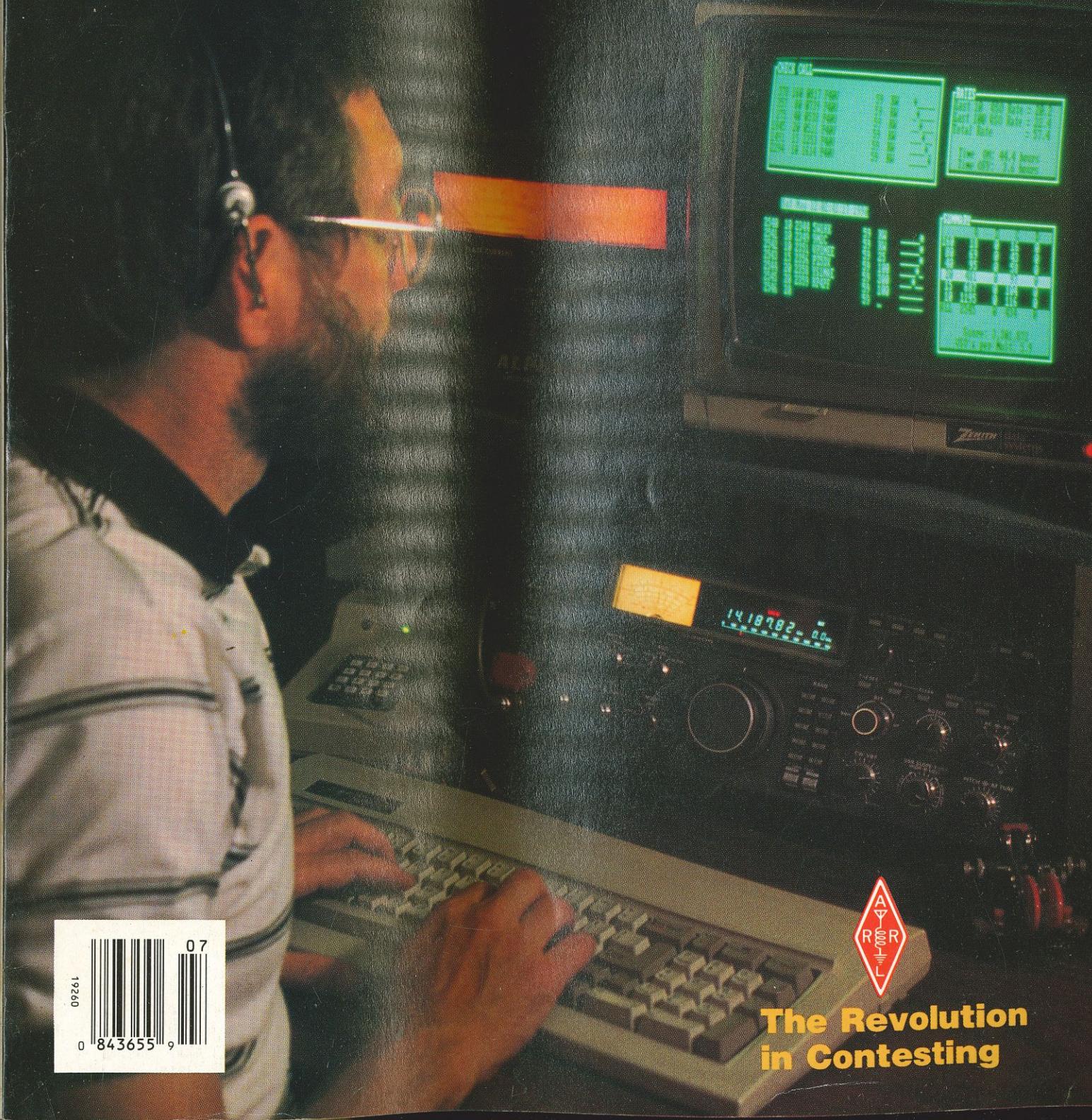


09261

July 1990 \$3.00

# QST

devoted entirely to Amateur Radio



**The Revolution  
in Contesting**

092924



07

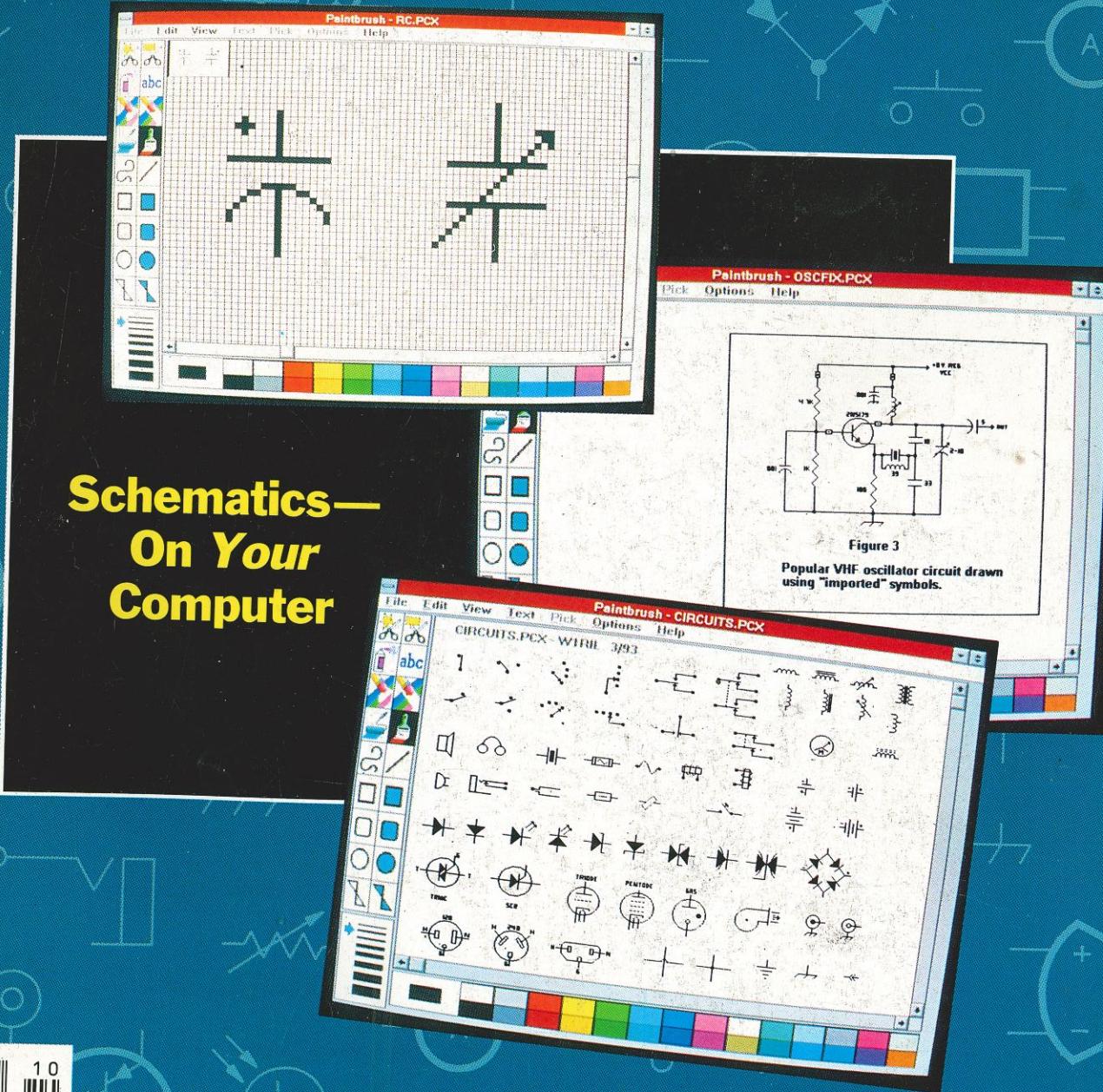
0 843655 9

# QST



October 1993 \$3.00

devoted entirely to Amateur Radio



## Schematics— On Your Computer



1993



# QST

devoted entirely to

## AMATEUR RADIO

April 1995

Official Journal of  
The American Radio  
Relay League

### FCC releases vanity call sign details

**QST** reviews: ICOM  
IC-736 and IC-738  
transceivers

### New Ham Companion:

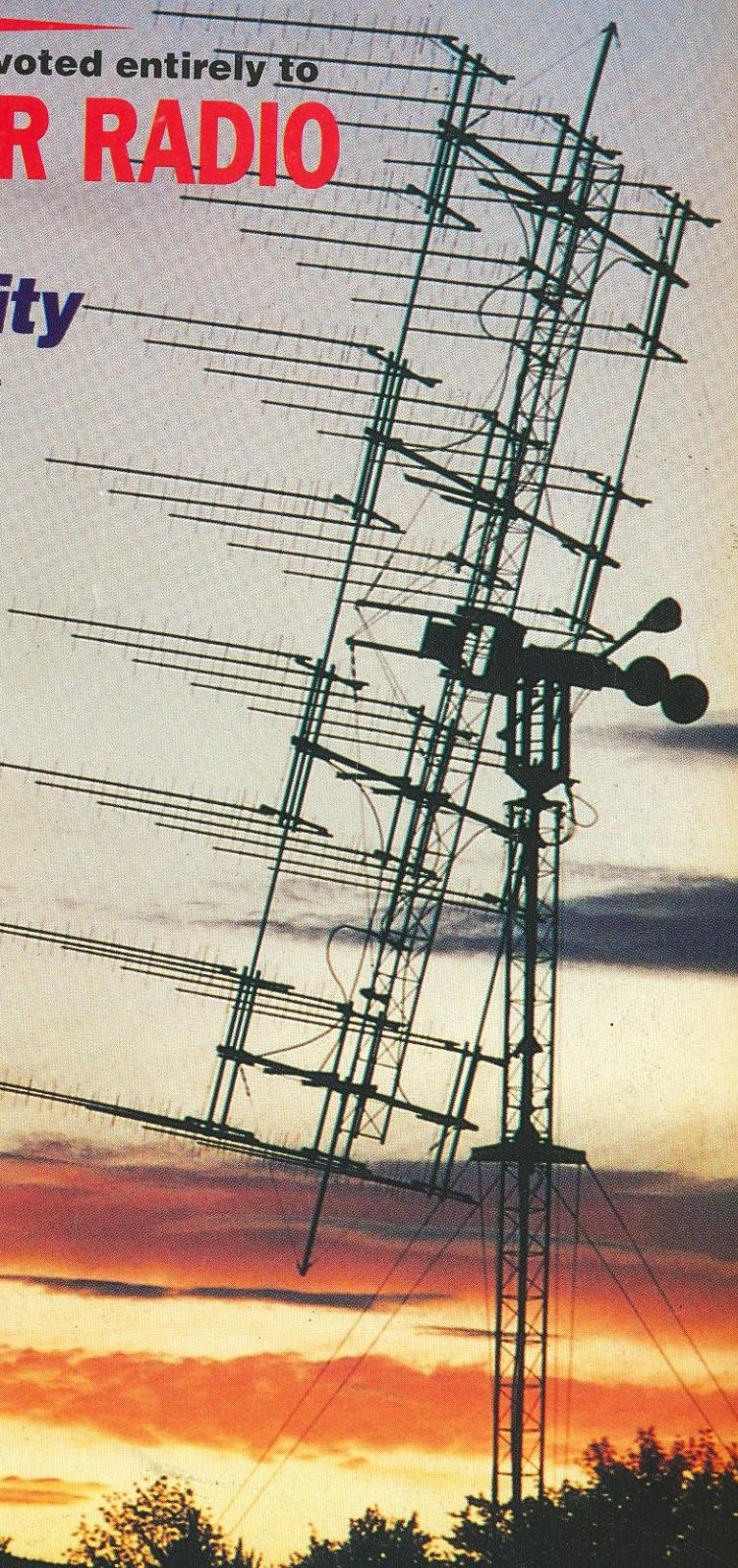
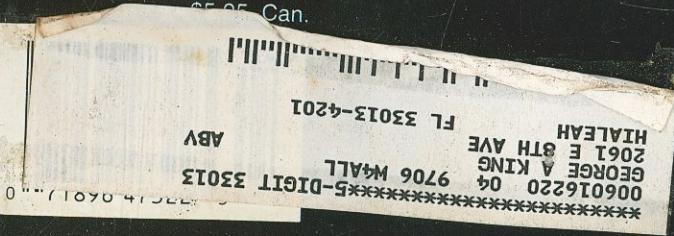
12 pages of  
practical  
information  
for all hams

### Plus...

- Evaluating your antenna tuner
- Build a remote-oscillator high-frequency VFO
- Build a digital voice recorder for \$15

...and more!

\$4.95 U.S.  
\$5.25 Can.



Official Journal of  
The American Radio  
Relay League



**QST**

devoted entirely to

March 1995

**AMATEUR RADIO**

**FCC says  
"VANITY"  
CALL SIGNS  
SOON!**

**New Ham  
Companion:**

15 pages of  
practical  
information  
for all hams

**A high-frequency  
hybrid synthesizer**

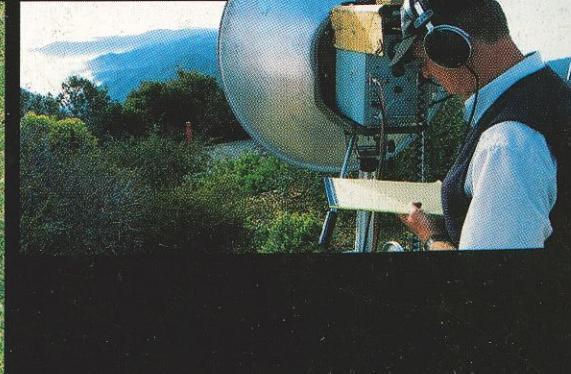
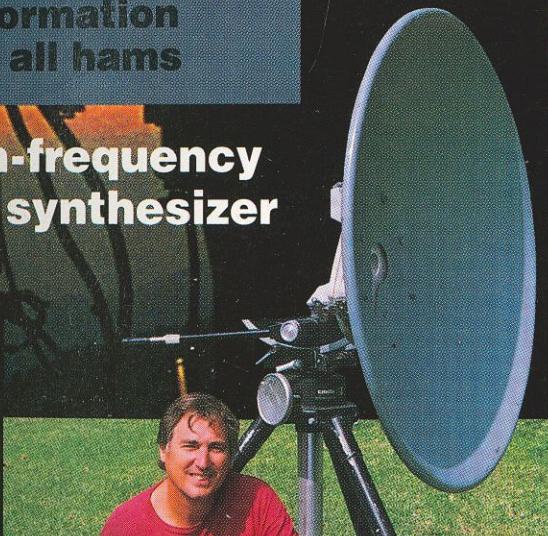
\$4.95 U.S.  
\$5.95 Can.



**QST reviews**  
**ICOM's new dual-band  
all-mode—the IC-820  
—and Azden's AZ-61  
6-meter FM hand-held**

**Microwaves:**

- **The San Bernardino  
Microwave Society turns 40**
- **ARRL 10-GHz Cumulative  
Contest results**





# QST

devoted entirely to  
AMATEUR RADIO

February 1995

Official Journal of  
The American Radio  
Relay League

## PUBLIC SERVICE EXCLUSIVE!

- **HAM RADIO at the  
New York Marathon**
- **Building a first-class  
communications van**

**Product Review:**  
Yaesu's new FT-900AT  
HF mobile

**New Ham  
Companion:** 11 pages  
for beginners only

- Is your station  
**CHILD PROOF?**
- Build a simple 40-meter  
antenna

\$4.95 U.S.  
\$5.95 Can.



02 >

0 71896 47322 3

### PLUS...

- radio observations of two solar eclipses
- build a simple but effective low-band receiving antenna
- WISP software—satellite tracking made simple...and more!



# QST

devoted entirely to

## AMATEUR RADIO

January 1995

Official Journal of  
The American Radio  
Relay League

**Exclusive!** Comparison review  
of eight 2-meter FM mobiles

**New Ham  
Companion:** 13 pages  
for beginners only

**New column explores  
computer-aided RF design**

**Results of the August UHF  
and September VHF contests**

**Plus...**

- T-network antenna tuners
- NVIS propagation
- remote controlling  
your station
- ...and more

\$4.95 U.S.  
\$5.95 Can.



# QST



December 1994

devoted entirely to Amateur Radio

*Season's  
Greetings*



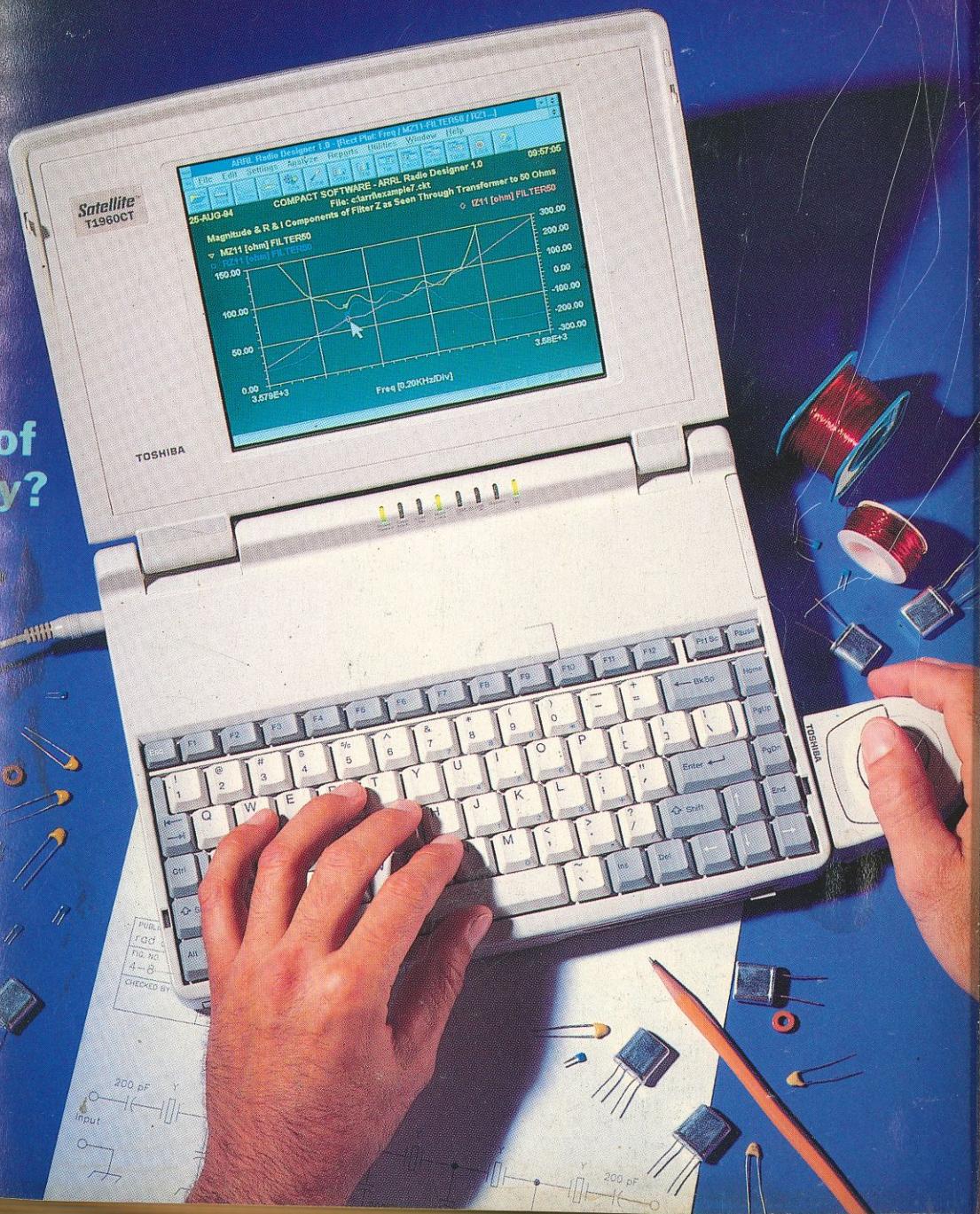
# QST



October 1994

devoted entirely to Amateur Radio

The end of  
cut and try?



# QST

devoted entirely to Amateur Radio



ANNEE MONDIALE DES  
COMMUNICATIONS  
WORLD COMMUNICATIONS  
YEAR  
AÑO MUNDIAL DE LAS  
COMUNICACIONES



**VHF QSO Party: 5-band fun**

August 1983

\$2.50



devoted entirely to Amateur Radio



ANNEE MONDIALE DES  
COMMUNICATIONS  
WORLD COMMUNICATIONS  
YEAR  
AÑO MUNDIAL DE LAS  
COMUNICACIONES



How to work the first ham  
in space

Page 50

# QST

devoted entirely to Amateur Radio

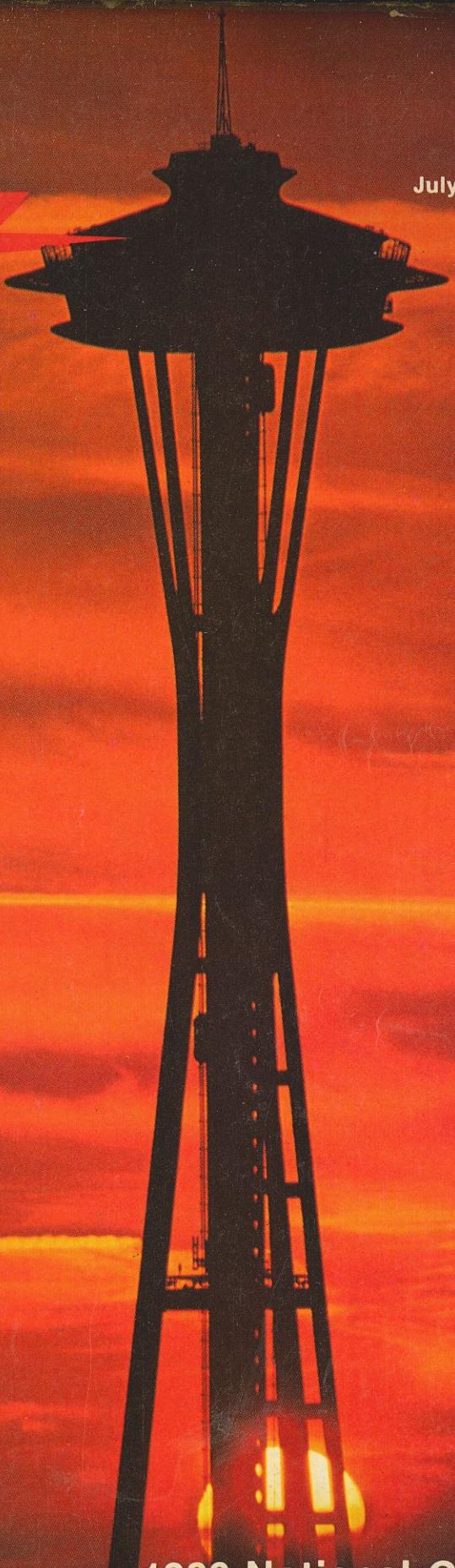


Getting ready for  
Volunteer Examining

# QST

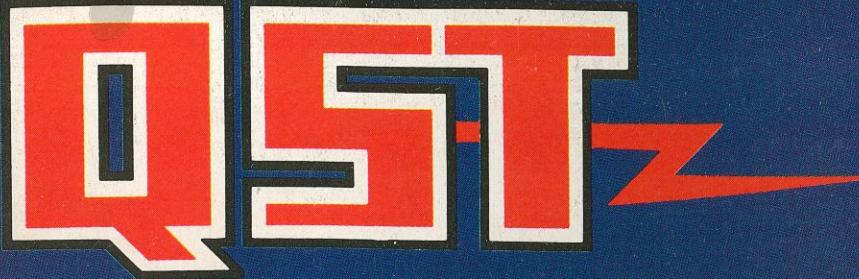
devoted entirely to  
Amateur Radio

July 1980 \$2.50

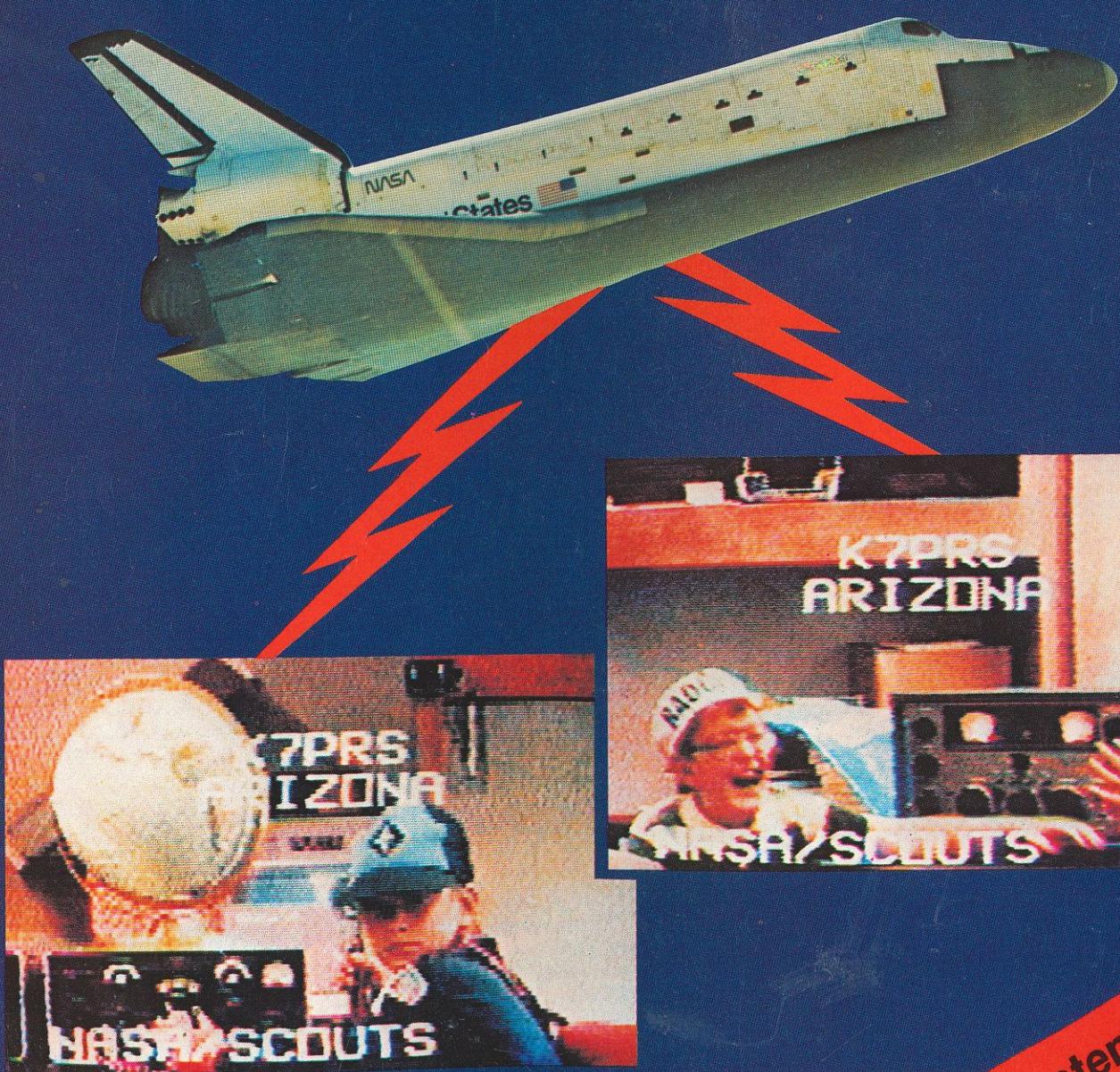


1980 National Convention  
Seattle Washington





devoted entirely to Amateur Radio



Kids plus W0ORE/Challenger  
add to a world of fun

Page 13

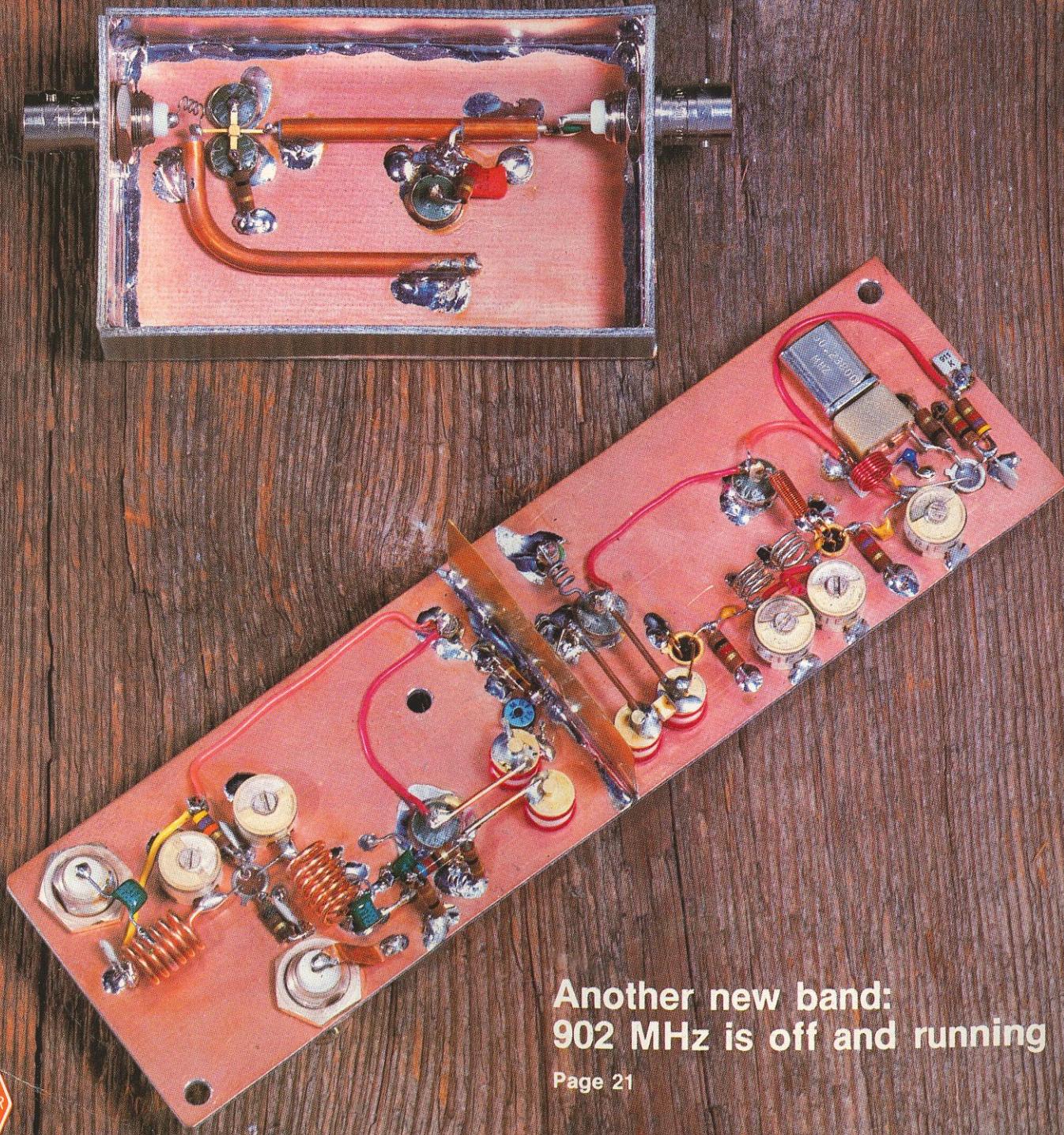
Ham Antennas  
Get a Boost  
See pages 9 and 60

October 1985

\$2.75



devoted entirely to Amateur Radio



Another new band:  
902 MHz is off and running

Page 21



September 1985

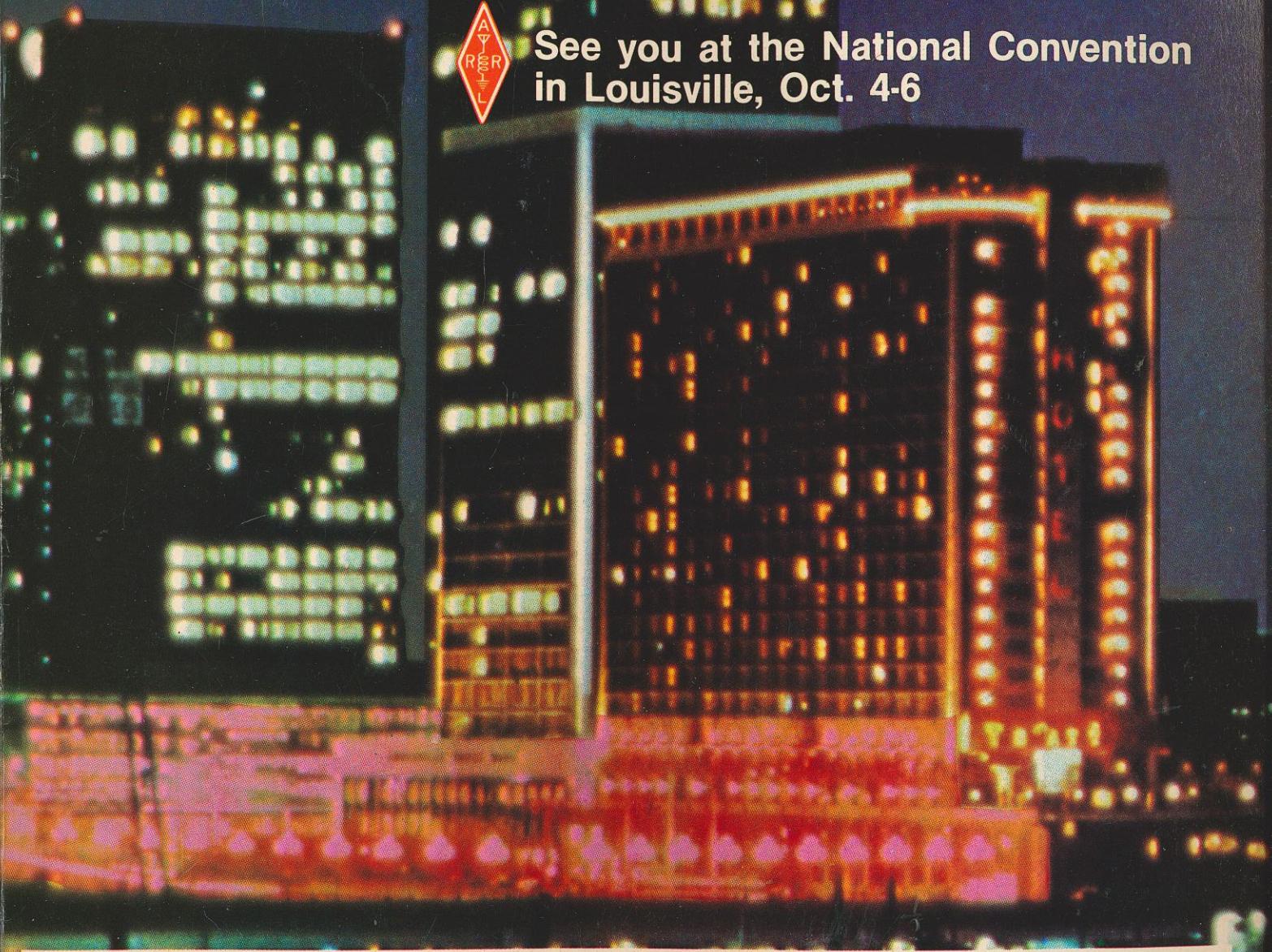
\$2.75

# QST

devoted entirely to Amateur Radio



See you at the National Convention  
in Louisville, Oct. 4-6

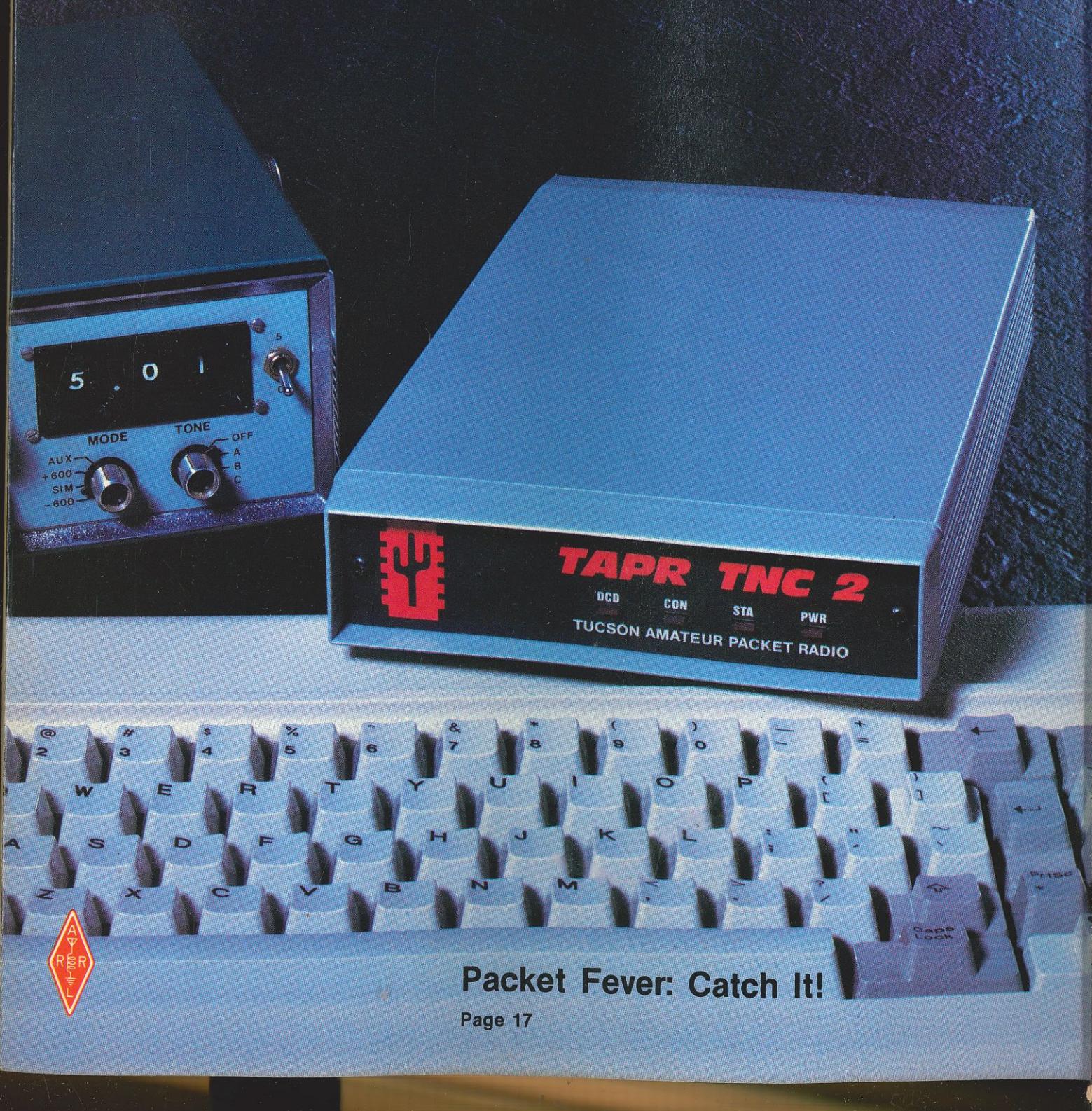


August 1985

\$2.75

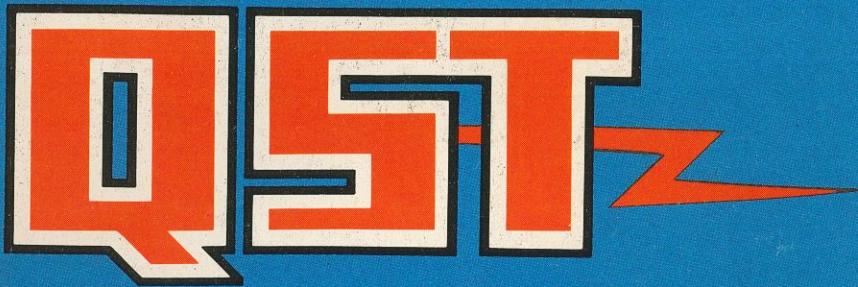
# QST

devoted entirely to Amateur Radio



Packet Fever: Catch It!

Page 17



July 1985 \$2.75

devoted entirely to Amateur Radio

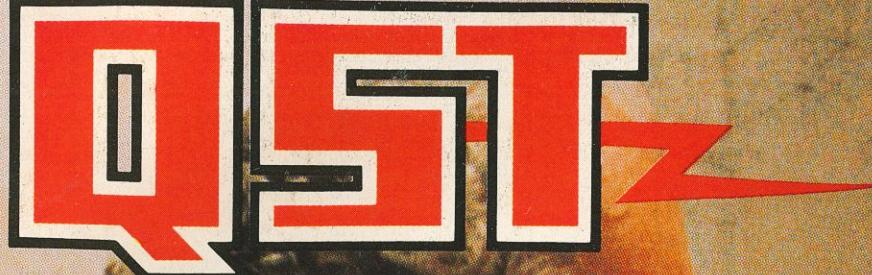


EME: You can do it!

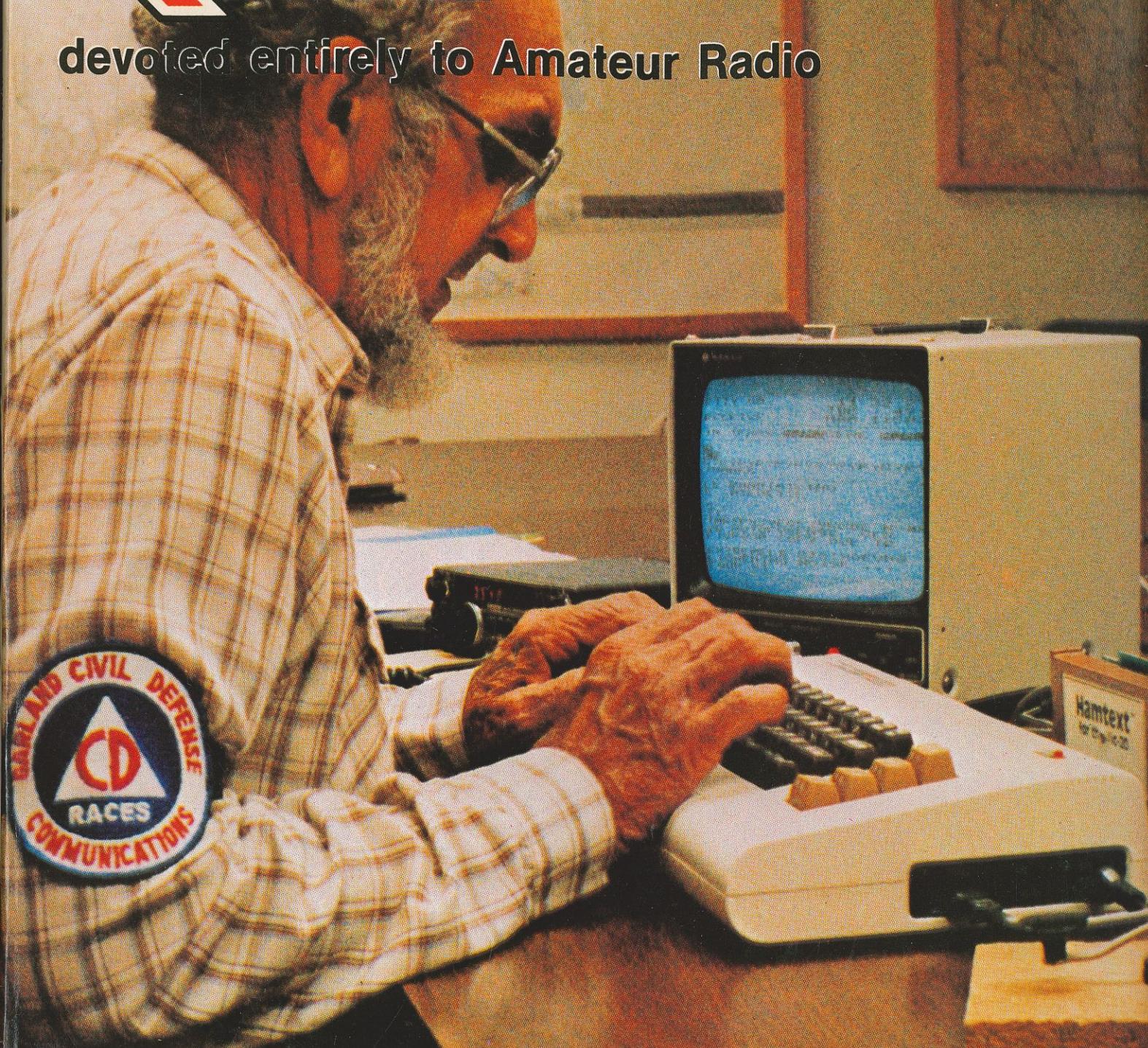
Page 18

June 1985

\$2.75



devoted entirely to Amateur Radio



**SET: Preparing for the unexpected**

Page 78

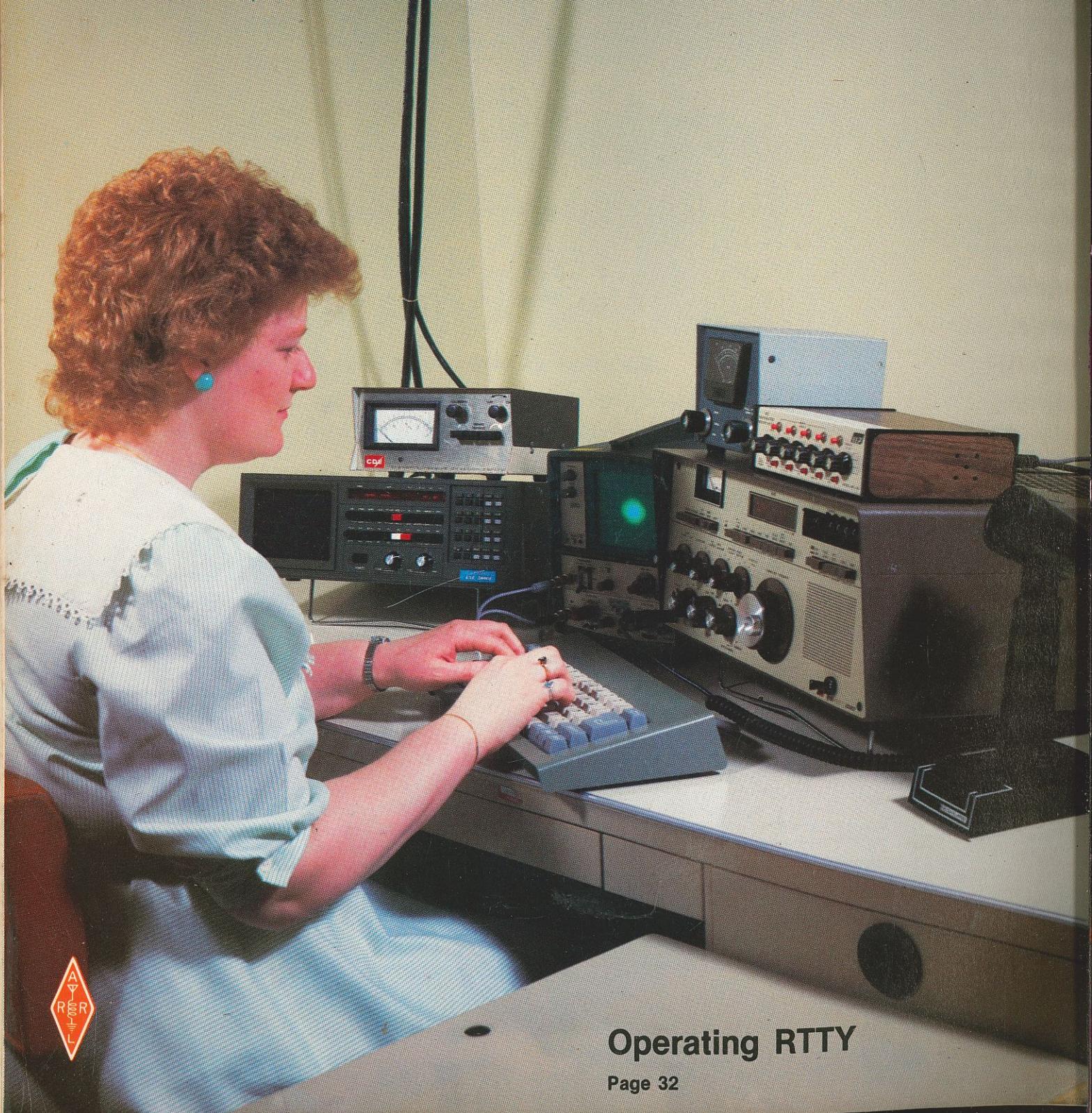


May 1985

\$2.75



devoted entirely to Amateur Radio



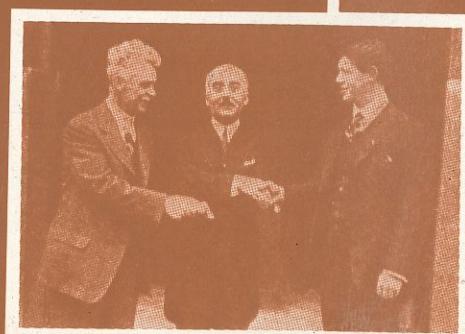
Operating RTTY

Page 32

April 1985 \$2.75



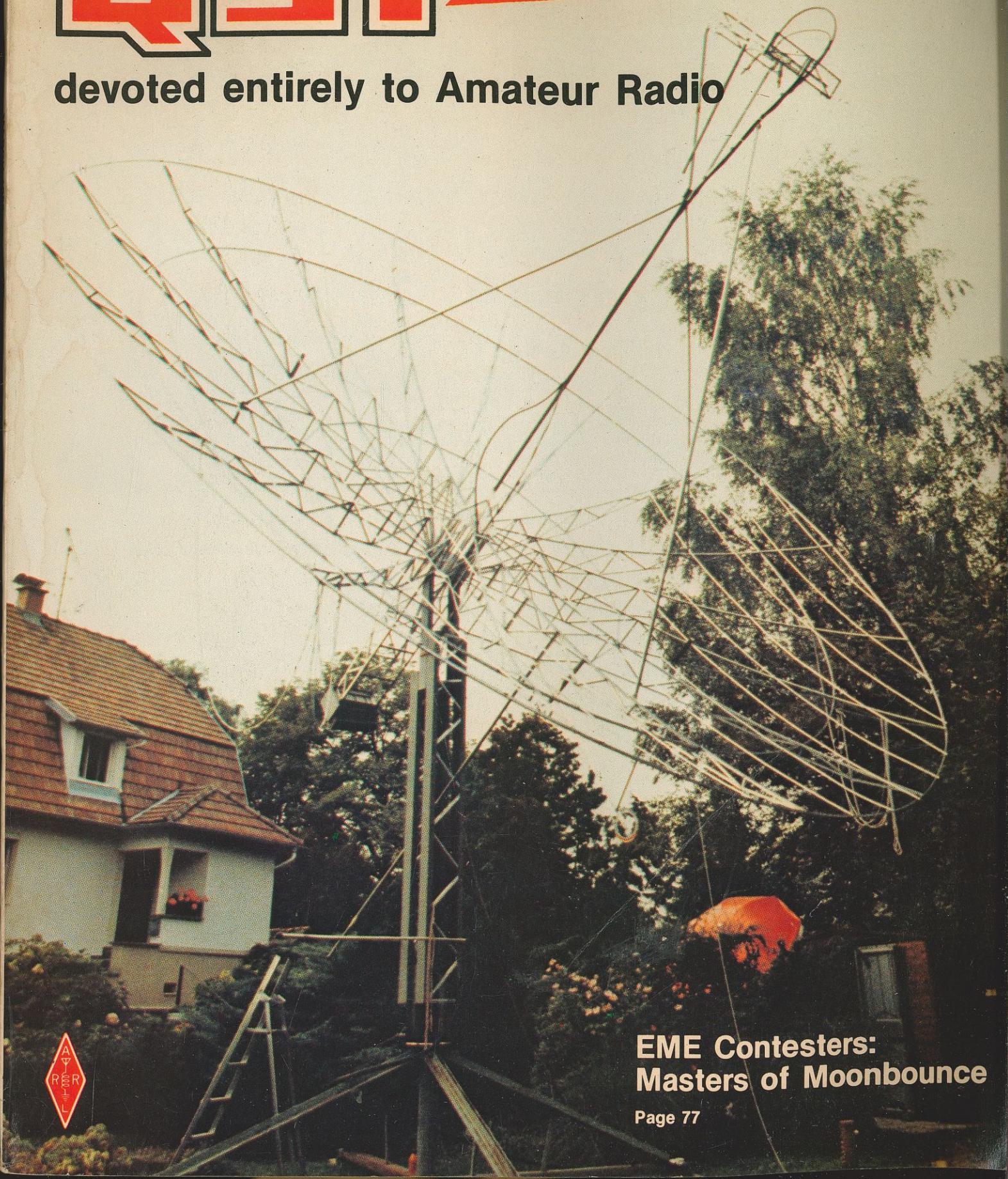
**devoted entirely to Amateur Radio**



**Happy 60th Anniversary, IARU!**



**devoted entirely to Amateur Radio**



**EME Contesters:  
Masters of Moonbounce**

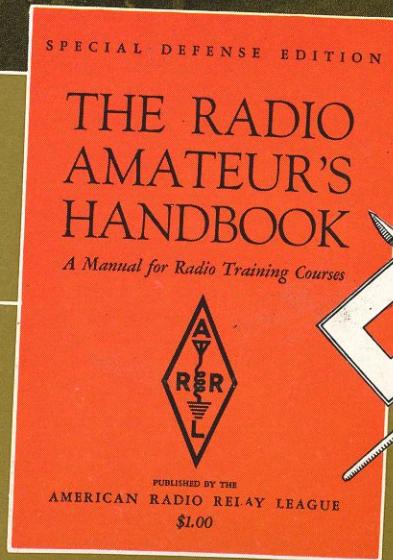
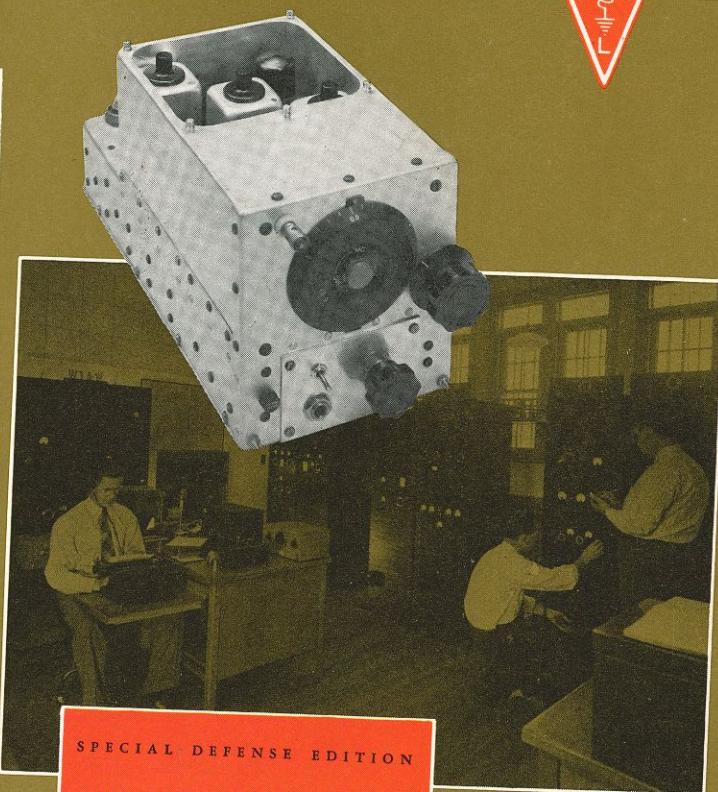
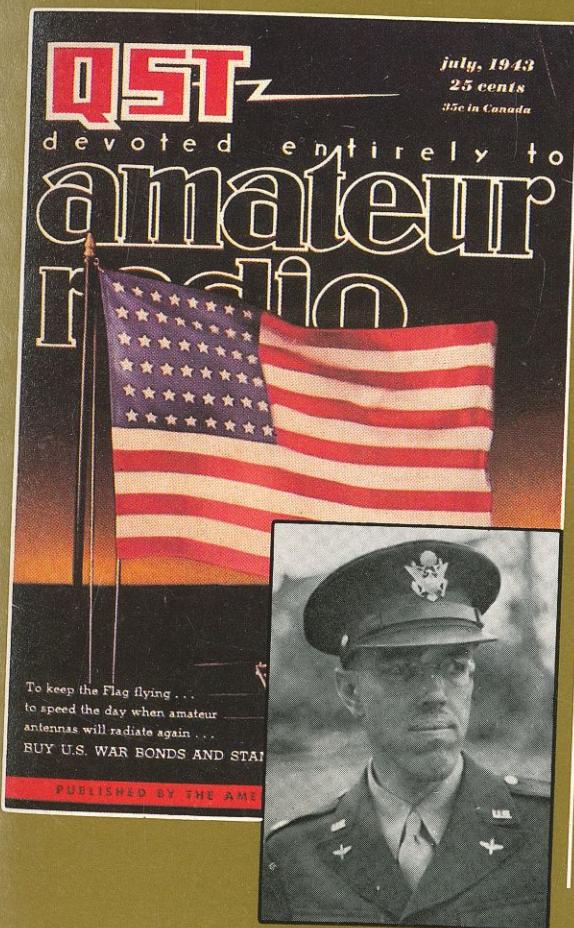
Page 77



devoted entirely to Amateur Radio

THE '40s

THE WARTIME YEARS



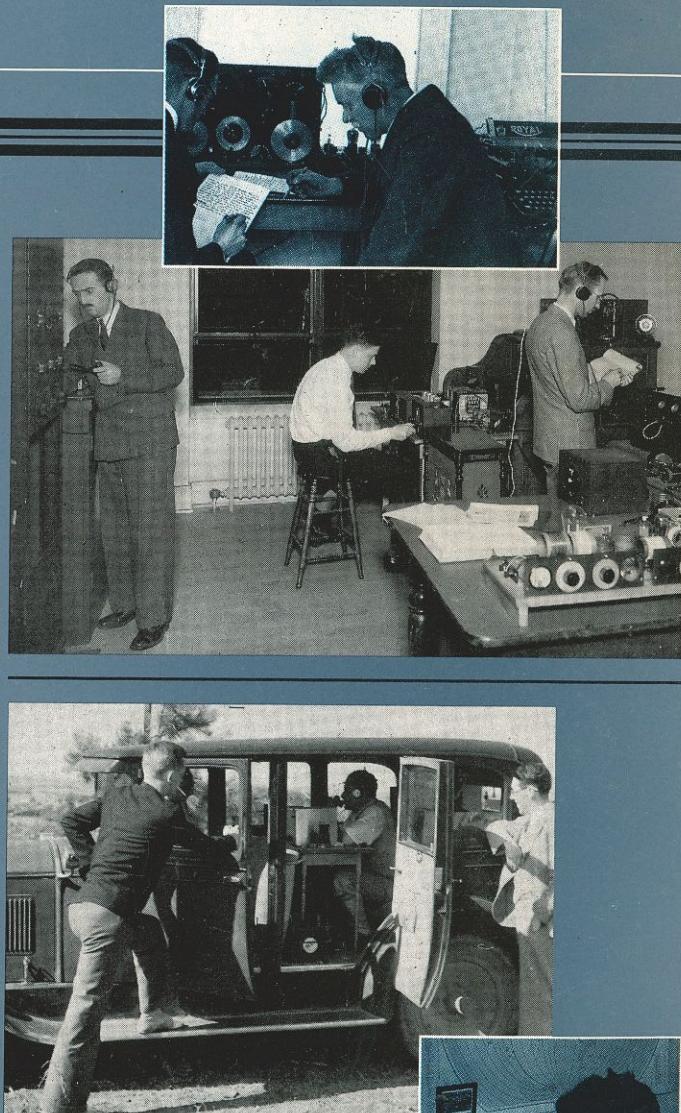
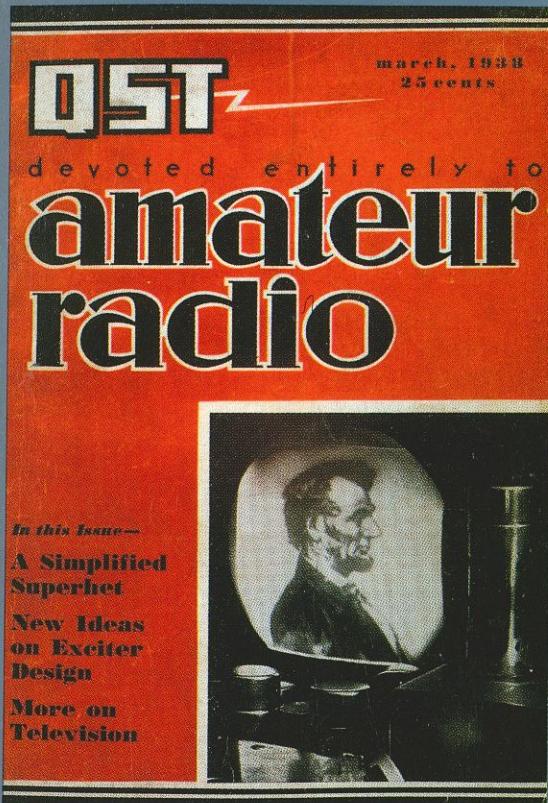
# QST

devoted entirely to Amateur Radio

March 1989 \$3.00

US Hams on 18 MHz  
See page 13

## THE '30s



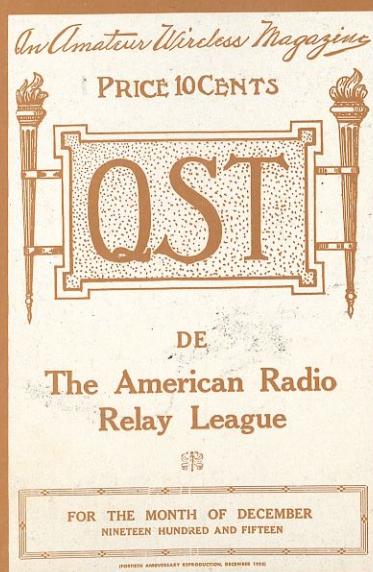
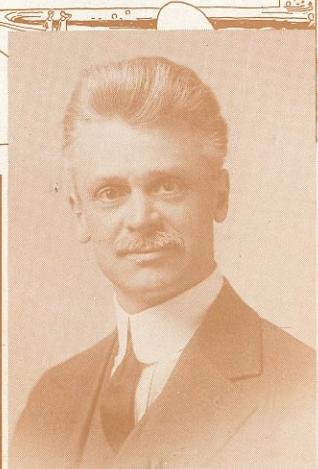


February. 1989 \$3.00



devoted entirely to Amateur Radio

Your League: Serving Amateur Radio for 75 years



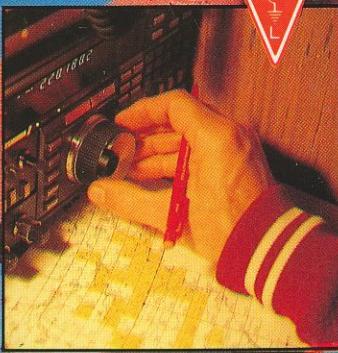
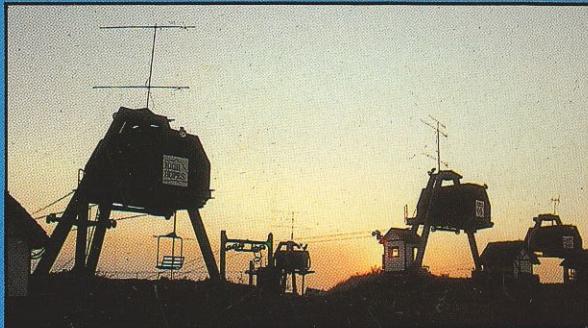
09221



# QST

January 1989 \$3.00

devoted entirely to Amateur Radio



**VHF Contesting from the  
Ski Lifts of Blue Knob**

002261

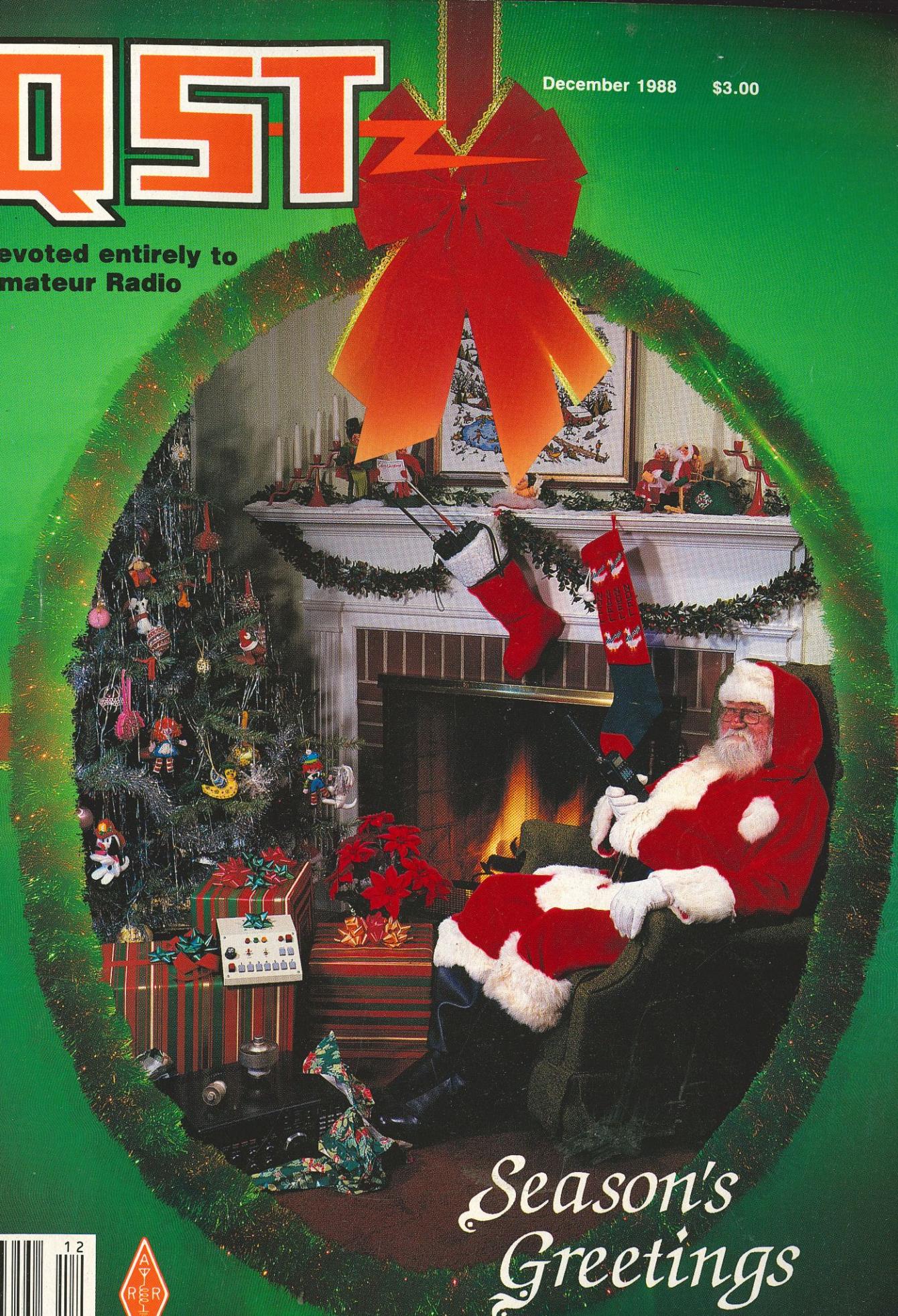


# QST

devoted entirely to  
Amateur Radio

December 1988

\$3.00



Season's  
Greetings

1988  
02260



November 1988 \$3.00



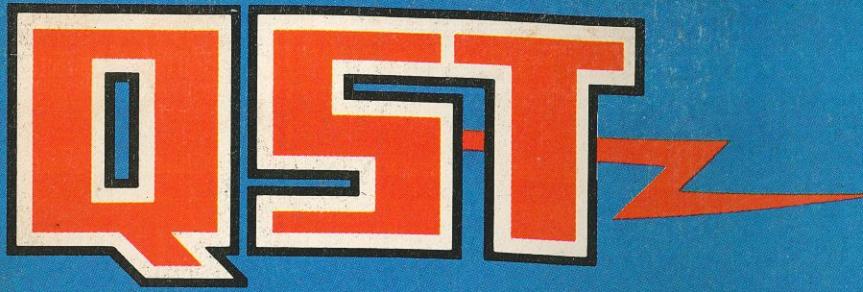
devoted entirely to Amateur Radio

GET ON THE  
FUND-DRIVE  
BANDWAGON!

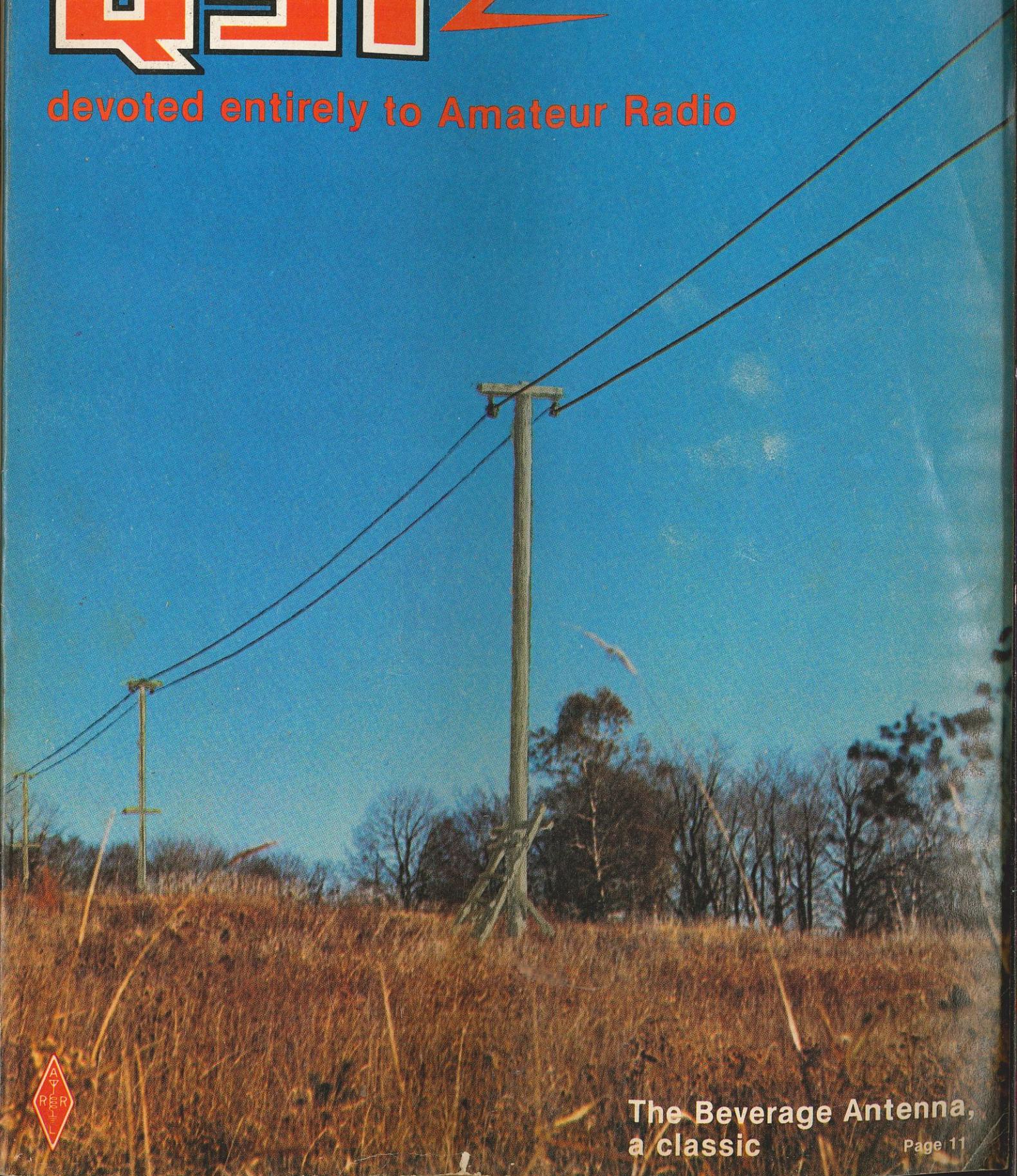
Field Day 1988!



January 1982 \$2.50



devoted entirely to Amateur Radio



The Beverage Antenna,  
a classic

Page 11



May 1980 \$2.50

devoted entirely to Amateur Radio

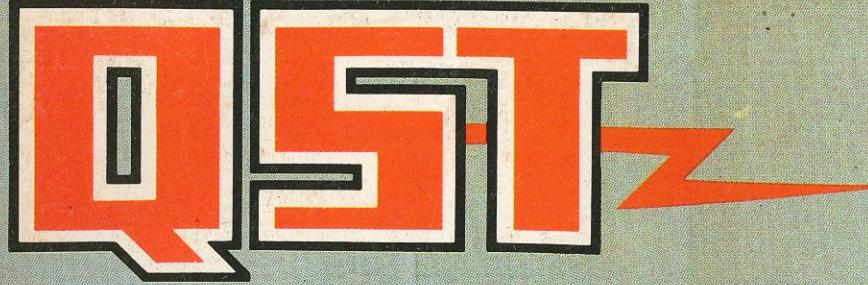


Torch relay fuels Olympic spirit

Page 43



April 1983 \$2.50



devoted entirely to Amateur Radio



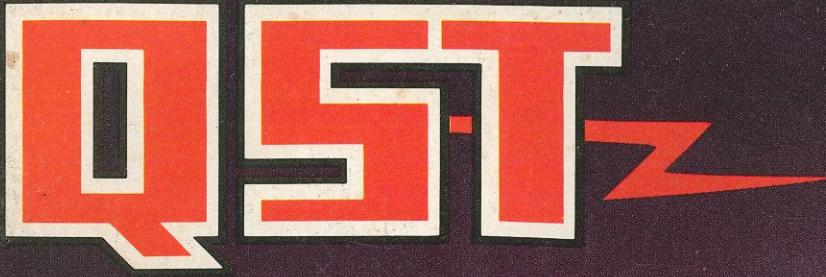
ANNEE MONDIALE DES  
COMMUNICATIONS  
WORLD COMMUNICATIONS  
YEAR  
AÑO MUNDIAL DE LAS  
COMUNICACIONES



Phase III takes shape

Page 49

March 1983 \$2.50



devoted entirely to Amateur Radio



ANNEE MONDIALE DES  
COMMUNICATIONS  
WORLD COMMUNICATIONS  
YEAR  
AÑO MUNDIAL DE LAS  
COMUNICACIONES



1983

Antennas — every ham's fancy

February 1985

\$2.75



devoted entirely to Amateur Radio



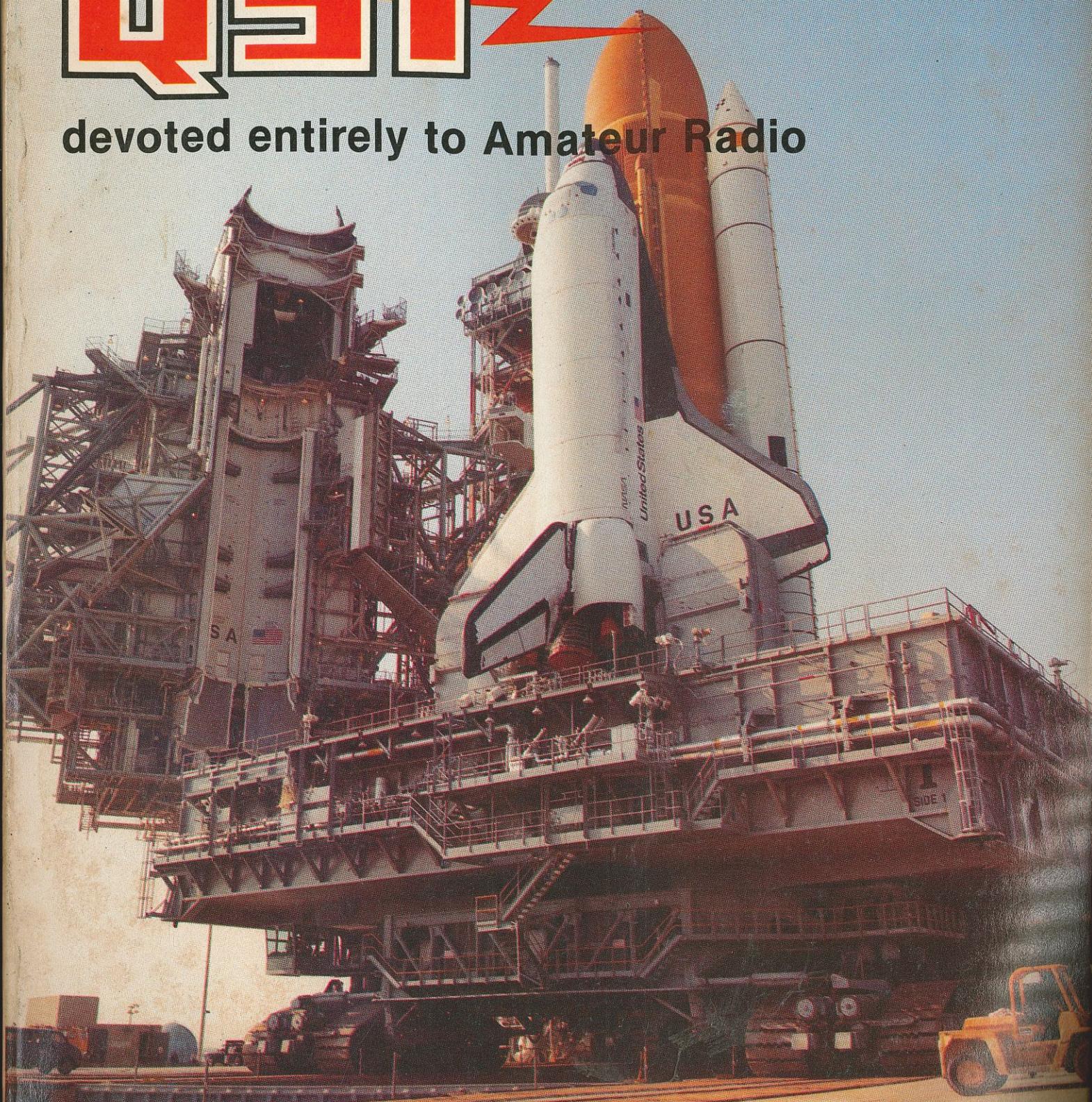
**ARRL Antenna-Design  
Competition:  
The results are in**

Page 44



# QST

devoted entirely to Amateur Radio



ANNEE MONDIALE DES  
COMMUNICATIONS  
WORLD COMMUNICATIONS  
YEAR  
AÑO MUNDIAL DE LAS  
COMUNICACIONES



1983

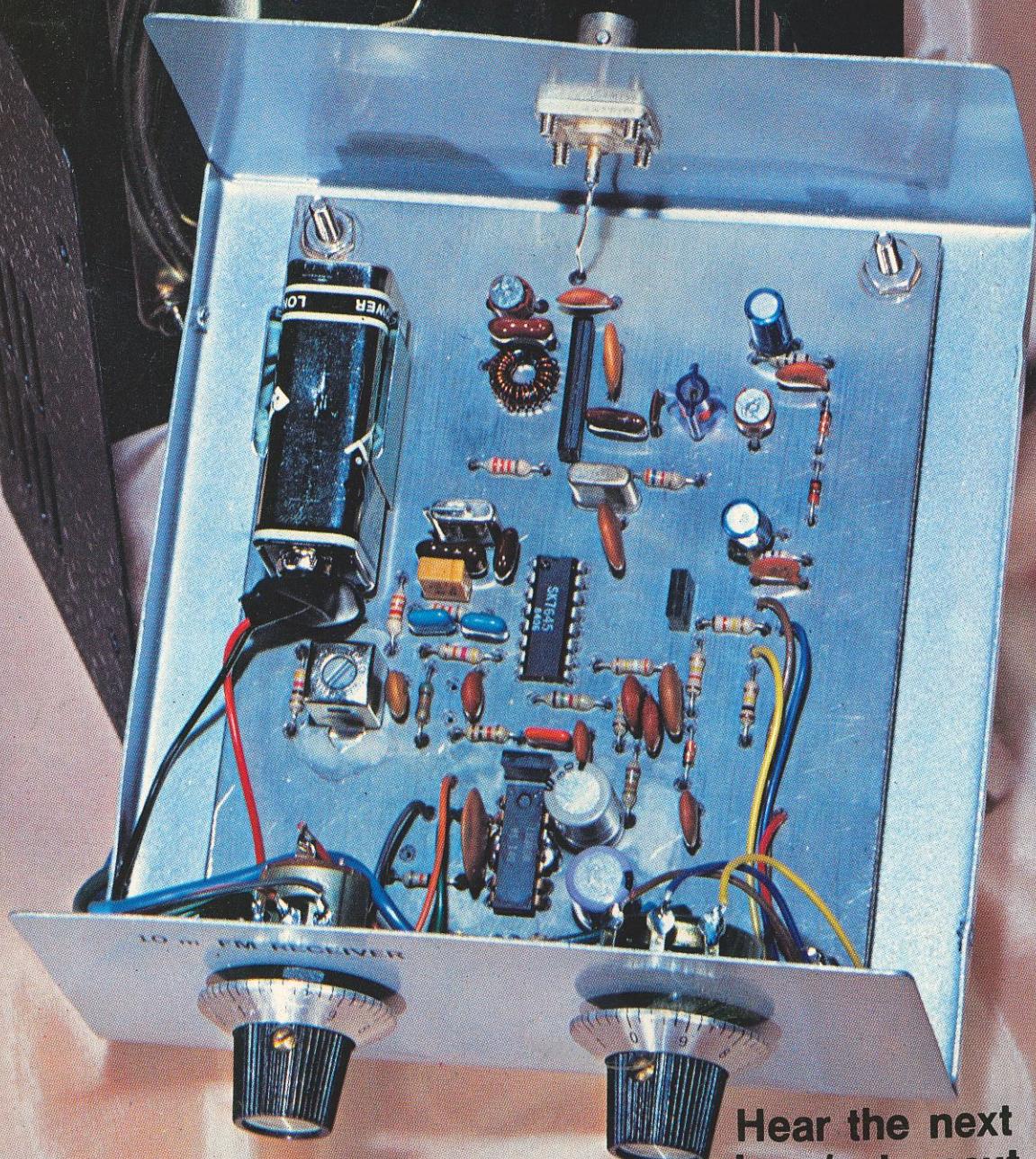
The Space Shuttle Columbia rollout  
Are you ready for STS-9?

January 1985

\$2.75

# QST

devoted entirely to Amateur Radio



Hear the next  
ham/astronaut with  
this 10-m FM receiver

Page 19

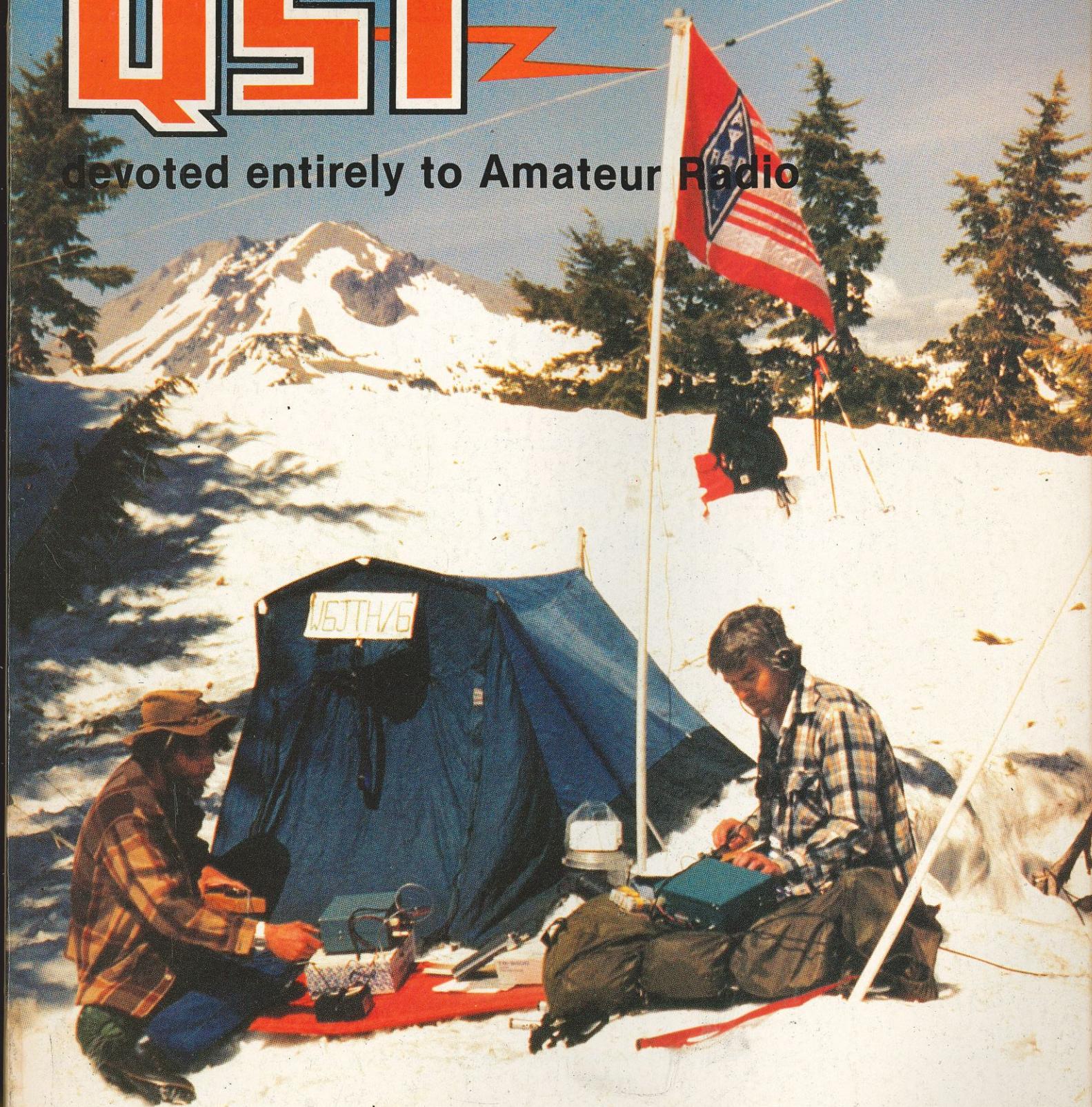


December 1984

\$2.75



devoted entirely to Amateur Radio

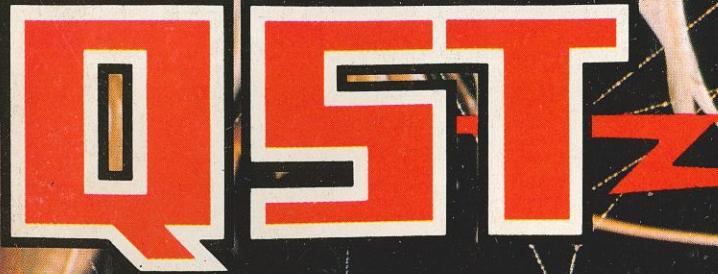


Field Day, 1984

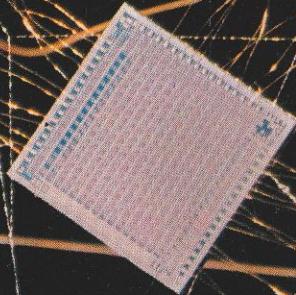
Page 83



November 1984 \$2.75



devoted entirely to Amateur Radio



Tiny ICs do big jobs

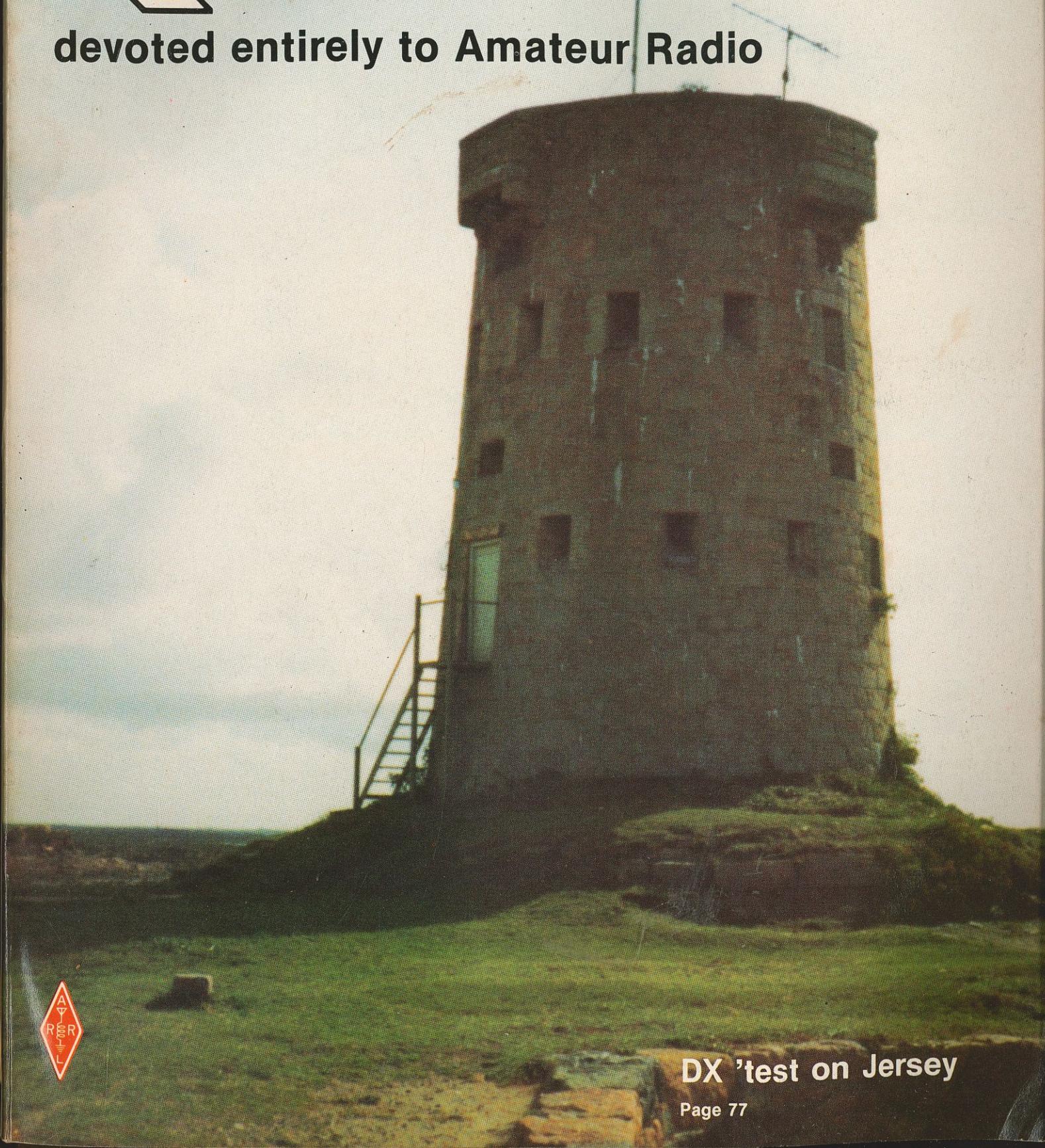
Page 22

October 1984

\$2.75



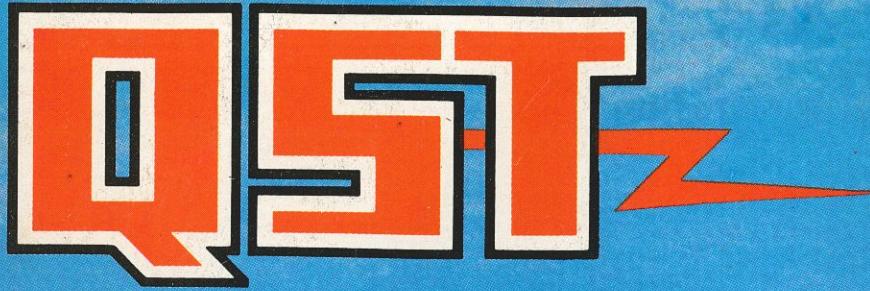
devoted entirely to Amateur Radio



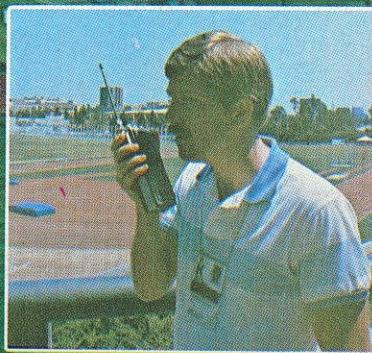
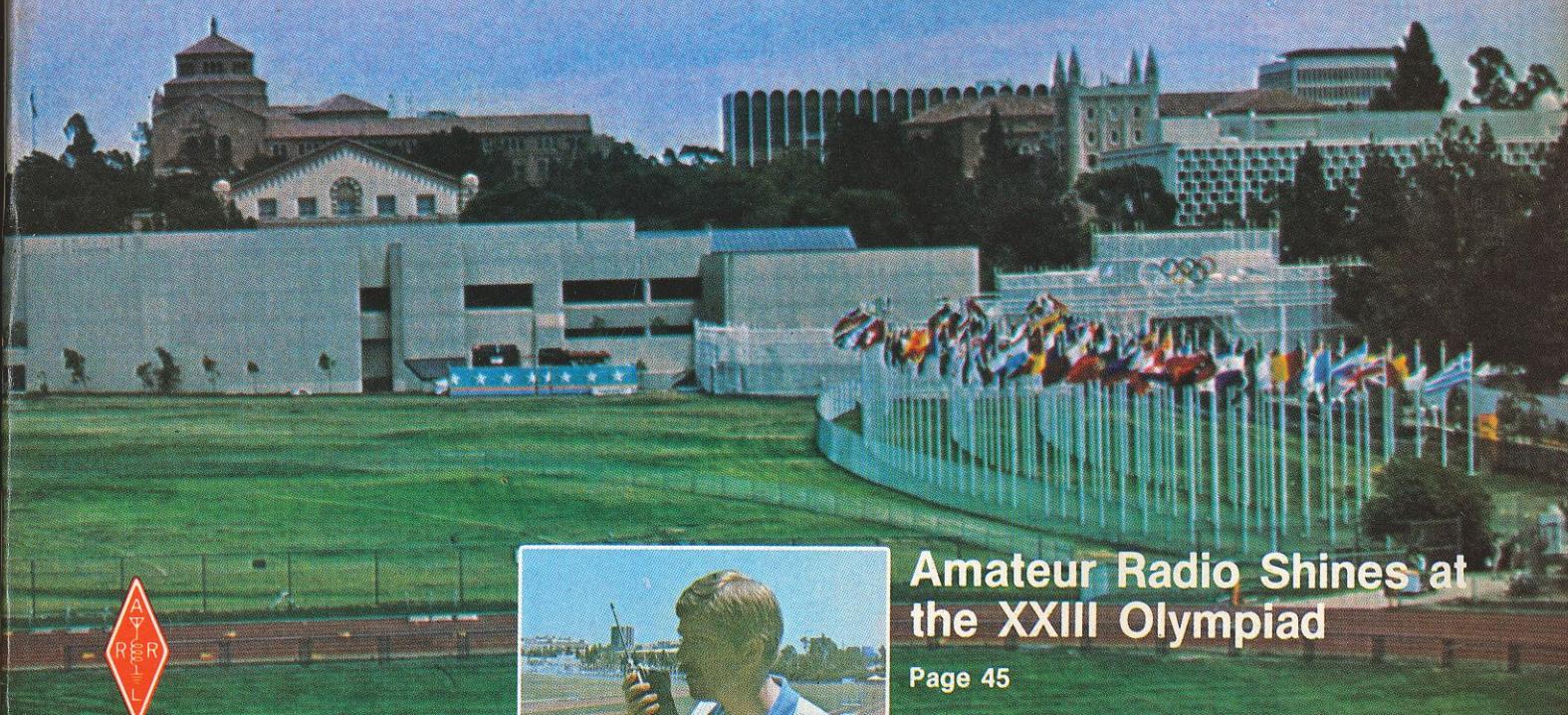
DX 'test on Jersey

Page 77

September 1984 \$2.75



**devoted entirely to Amateur Radio**



**Amateur Radio Shines at the XXIII Olympiad**

Page 45

